

Commonwealth of Pennsylvania
Department of Mines



Anthracite Division

Annual Report

1947

Harrisburg, Pennsylvania

REF
TN
805
P4
A4
1947
v.1

University of Scranton
The Library



Gift of
Roger J. Howell

For Reference

Not to be taken from this room



Digitized by the Internet Archive
in 2013

<http://archive.org/details/anthracite48penn>

Commonwealth of Pennsylvania
Department of Mines



Anthracite Division
Annual Report
1947

Harrisburg, Pennsylvania

Richard Maize
Secretary of Mines

Joseph J. Walsh
Deputy Secretary of Mines

W. Garfield Thomas
Deputy Secy. Bituminous Div.

Ref
TN
805
P. 4
F. 4
1949
v. 1

LETTER OF TRANSMITTAL

Department of Mines


April 1, 1948

To His Excellency, James H. Duff, Governor of Pennsylvania

Sir:

In compliance with the Act of April 14, 1903, I submit herewith the report of the Department of Mines for the year ending December 31, 1947, covering in detail the operations in the Anthracite Region of Pennsylvania.

Respectfully submitted,


Richard Maize,
Secretary of Mines.

G A S E X P L O S I O N S

The following excerpts were taken from reports covering gas explosions at the Nottingham Colliery of the Glen Alden Coal Company, Plymouth, Pennsylvania, the Schooley Colliery of the Knox Coal Company, Exeter, Pennsylvania, and the Franklin Colliery of the Lehigh Valley Coal Company, Wilkes-Barre Township, Pennsylvania:

Honorable Richard Maize
Secretary of Mines
Harrisburg, Pennsylvania

January 31, 1947

Dear Mr. Maize:

The commission appointed by you to investigate the explosion which occurred in No. 15 Shaft, Nottingham Colliery, Glen Alden Coal Company, Plymouth, Pennsylvania, on January 15, 1947, in which fifteen men were killed and two seriously injured, has completed its work and hereby submit to you their report.

The Inspector in charge of this operation, Mr. Andrew Wilson, is to be commended for the manner in which he, together with the mine officials, planned for the tapping of the inaccessible workings involved in this accident.

On December 3, 1946, he had a thorough understanding with the colliery officials, concerning the drilling of test holes in the direction of the abandoned workings.

On three different occasions following this discussion, he personally visited the colliery, engaged in inspections of other sections of the mine, and discussed the progress of the drilling work. The last such visit, prior to the accident, was on January 6, 1947, when he discussed with Mr. Thomas Hughes, Mine Foreman, the distance that the test holes had been drilled in advance of the gangway and airway.

The commission recommends that the present law relative to the drilling of test holes when approaching inaccessible workings be amended to read as follows:

ARTICLE 12, RULE 15: "Whenever a working place is to be driven towards inaccessible workings, the owner, operator or superintendent shall notify the mine inspector of the district before starting such place, and they shall agree as to the method to be followed in approaching the inaccessible workings."

Very truly yours,

Daniel H. Connelly, Chairman
Mine Inspector
Eighth Anthracite District

John D. Edwards
Mine Inspector
Thirteenth Anthracite District

Kenneth C. Lee
Mine Inspector
Fourteenth Anthracite District

-2-

EXPLOSION

Nottingham Colliery, Glen Alden Coal Company
Plymouth, Pennsylvania

On the afternoon of January 15, 1947, an explosion occurred in No. 15 Shaft, Nottingham Colliery, Glen Alden Coal Company, which resulted in the death of fifteen workmen and injury to two others. The fifteen workmen who were fatally injured in the explosion suffered third degree burns, and in practically every instance the clothing was torn from their bodies. Twenty-two men were in the section at the time of the accident. The explosion occurred at 4:50 P. M. in No. 2 Slope extension, No. 9 East, No. 16 Tunnel, Road No. 30, Top Ross seam.

The section is ventilated by means of an exhaust fan, steam-driven, situated on the surface, with a recording pressure gauge of 1.6 inches, and producing 115,000 cubic feet of air per minute. The split in question had 12,000 cubic feet per minute at the intake and 9,600 cubic feet per minute was passing through the face cross-cut on the airway side. Cross-cuts between the intake and return airways were closed with concrete blocks laid in cement. Main doors, erected in pairs to form air locks, were in use on the haulage roads. Board stoppings were used to close the chamber openings and the cross-cuts between the chambers. Permissible electric cap lamps were used by all the workmen in this section, and the miners were furnished with permissible flame safety lamps.

The Assistant Foreman's record book indicated that gas was not found in the affected section for a period of three months prior to the explosion.

The gangway and airway and the chambers to the left off the airway were being driven towards abandoned and inaccessible Top Ross workings in No. 10 Slope, No. 10 Tunnel. In both the gangway and airway, drill holes had been kept 20 feet in advance of the faces as the workings approached the abandoned section. On either January 9 or 10, the drill hole at the face of the gangway tapped into the abandoned workings. Gas was not encountered and the direction of the air current was from the face of the gangway through the drill hole into the inaccessible workings. A drill hole was then started on January 10 in the face of the airway and it also tapped into the inaccessible workings. The ventilating current traveled through this drill hole into the tapped workings. The gangway and airway continued to advance towards the abandoned section, and the air current continued in the direction of the inaccessible workings and no trouble was experienced from gas at this point, nor was gas detected.

At another point in the section, however, a chamber was approaching the inaccessible abandoned workings. On January 14, the day preceding the accident, it was found by the assistant foreman that the face of this chamber was approximately sixty feet (60') from the face of a chamber in the inaccessible abandoned workings. This distance was

-3-

determined by means of actual measurement in the going chamber and by information shown on a map furnished the Assistant Foreman. The map showed both the abandoned and the live workings.

Following this measurement, it was decided by the officials that 20-foot boreholes be drilled in advance of the face of the working chamber, and that such drilling be started on the morning of January 16. In the meantime the night shift on January 14 drilled and fired a six-foot cut in one-half of the chamber face. On January 15 the day shift drilled and fired the remainder of the cut across the face, thus advancing the complete face a distance of six feet (6').

As the situation then stood, based upon the facts collected by the Mine Inspectors, there should still remain a pillar of fifty-four feet (54') between the advancing chamber and the chamber in the abandoned workings.

The night shift crew of January 15 now entered and takes over. This is the fatal shift. The workmen drilled and fired two holes, to form a "V" cut in the center of the place. These blasts broke into the face of the chamber in the abandoned workings, liberating a large volume of methane. This newly made opening was five feet (5') wide and two feet (2') in height. The gas so liberated entered the live workings and it is believed ignition took place on the airway road in front of the chamber that had tapped the abandoned workings.

There were several possible sources of ignition, such as blasting, electric arcs, a defective safety lamp and smoking. All of these sources could be reasonably eliminated with the exception of a "defective safety lamp." This latter statement is made, not because it is believed the ignition was caused by a defective safety lamp, but because the lamps were demolished by the force of the explosion and an examination of them while in this state would not permit the drawing of a conclusion.

The map furnished the colliery officials had noted thereon "January 24, 1933" as the date of the last survey in the abandoned workings. The face of the chamber into which the going chamber tapped was at that time not closed, indicating that when the survey was made work of advancing the chamber was still in progress. However, at some later date and prior to the accident, someone advanced on the map, by means of a pencil, the face of the said abandoned chamber a distance of forty feet (40') and closed the face of the chamber, thus indicating that the chamber had actually been advanced to this point and stopped, when, as determined following the explosion, it had been advanced a distance of about forty-eight feet (48') beyond this point, thus rendering any measurements or precautions taken by the mine foreman or his assistant of no value.

The inaccurate map furnished the mine officials was chiefly responsible for the accident. As fourteen years have elapsed since the abandoned workings were surveyed, and as those whose duty it was to make such surveys and maps at that time are not, at the

-4-

present time, employed by the company, we were unable to fix the responsibility for the inaccurate map.

However, as a cautionary measure for the prevention of accidents of this nature in the future, the Legislature in 1947 provided that no working place shall approach nearer than one hundred feet (100') to any inaccessible workings until after the mine inspector, the mining engineer and the mine superintendent shall have examined the situation and granted permission.

* * * * *

May 9, 1947

Honorable Richard Maize
Secretary of Mines
Harrisburg, Pennsylvania

Dear Sir:

The commission of inspectors appointed by you to investigate the cause of the explosion which occurred in Schooley Shaft, Schooley Colliery of the Knox Coal Company, Exeter, Pennsylvania, on April 10, 1947, in which ten men were killed and seven injured, has completed its work and hereby submit to you their report.

Yours very truly,

Daniel H. Connelly, Chairman
Mine Inspector, Eighth District

Andrew Wilson
Mine Inspector, Seventh District

Thomas M. Beaney
Mine Inspector, Ninth District

John D. Edwards
Mine Inspector, Thirteenth District

EXPLOSION

SCHOOLEY COLLIERY, KNOX COAL COMPANY
Exeter, Pennsylvania

At 7:00 A. M., April 10, 1947, an explosion of gas occurred in the Marcy seam, Schooley Shaft, Knox Coal Company, resulting in the death of ten (10) workmen and the injury of seven (7) others.

The section in which the explosion occurred, and in which seventeen workmen were employed, is ventilated by means of an

-5-

exhaust fan located on the surface. An air measurement taken at the fan revealed an air volume of 136,485 cubic feet per minute.

The ventilating current enters the Schooley Shaft, and then travels through the section in which the explosion occurred. After ventilating the working places, the current flows through abandoned workings in the Marcy seam, thence through an air shaft from the Marcy to the Pittston seam, and finally to the fan shaft leading to the surface.

Crosscuts and other openings requiring stoppings were closed by means of concrete blocks laid in cement. Two doors were in use on the main gangway and a third door was in the course of construction. Board stoppings were used where needed to close the crosscuts between chambers.

The workmen at the time of the explosion were equipped with permissible electric and flame safety lamps. Jackhammers, operated by compressed air, were used for drilling purposes, and permissible explosives were used for blasting.

The shaker chute conveyors were driven by explosion-proof motors, and the switches controlling the power to these motors were of the open-type and located in a neutral zone on the main road between two ventilating doors, which neutral zone is ventilated by fresh air leakage through the doors.

An examination of the record book revealed that gas had not been found in the Marcy seam during a period of five and one-half months immediately preceding the explosion. No record, however, of an examination had been entered for April 10, the day of the explosion. The mine foreman who customarily made the morning examination prior to the entrance of the workmen did not make such an examination on the morning of the accident. He did, however, enter the mine before the explosion occurred, and in the course of his travel passed the point of accumulation and the point of ignition on the main gangway.

The gangway in question was isolated from the abandoned workings which it paralleled, by the erection of concrete block stoppings in all openings. It was in these abandoned workings that the gas first accumulated, and finally percolated through these stoppings to the main gangway, where it was ignited, we believe, by an electric switch, and the flame so caused, in some manner, ignited the explosive mixture in the abandoned workings behind the walls. After the explosion it was found that all of the walls separating the main gangway from the abandoned workings were blown in the direction of the gangway and away from the said abandoned workings.

The electric switch, which it is presumed ignited the gas, controls a small electric hoist located on the main gangway and used for haulage purposes. The hoist and the switch are open-type and were located at a point on the main gangway outside the first ventilating door, which point is practically in the intake air current.

-6-

To determine the source of the gas and the cause of its accumulation, the walls, doors, and brattices were reconstructed in the section of the mine in which the explosion occurred. The section was then ventilated by a fan other than the fan which the coal company declared furnished the ventilation on the morning of the accident. While so ventilated, gas was not detected in any of the live workings or in the abandoned workings. A change was now made to the extent that the affected section depended upon the Schooley Shaft fan for its ventilation. This is the fan, according to the officials, that ventilated the section where the explosion occurred, on the morning of the accident.

The change heretofore described was made at 10:25 P. M. on April 22. After the lapse of about one hour a small percentage of methane was found in the abandoned workings. As time went on, seven hours to be exact, an explosive mixture was found percolating through the crevices in the concrete walls between the main gangway and the adjoining abandoned workings. It was further found that the gas entered the abandoned Marcy seam through crevices in the bottom rock from an underlying seam.

As heretofore described, the return air from the affected section, in order to get to the Schooley Shaft fan, traveled through the abandoned workings in which the gas accumulated, thence through a shaft to the overlying Pittston seam. This shaft, according to statements made by the officials of the Knox Coal Company, was partially blocked with timber and other material. This blockage, they declared, was not sufficient, on the day before the accident and on several days prior thereto, to prevent the passage of a volume of air sufficient to ventilate the affected workings and the abandoned workings connected therewith.

They account for the gas accumulation on the day of the accident, and on several days subsequent thereto, by declaring that during the night preceding the morning of the accident the material which partially blocked the shaft heretofore referred to, moved or settled sufficiently to prevent the flow of sufficient air to ventilate the explosion section and the abandoned workings.

It is our opinion that the mine officials who had knowledge of the conditions in the partly blocked shaft should have exercised greater caution. In fact, ordinary precaution could have prevented this accident. It might also be noted that the person chiefly responsible for the safety of the workmen, and who was killed in the explosion, showed laxness in the performance of his legal duties.

* * * * *

-7-

January 9, 1948

Honorable Richard Maize
Secretary of Mines
Harrisburg, Pennsylvania

Dear Mr. Maize:

Attached hereto is a copy of our report covering the gas explosion which occurred on December 11, 1947, at the Franklin Colliery of the Lehigh Valley Coal Company.

You will note that reference is made at intervals throughout the report to the violation of different sections of the Anthracite Mining Laws. Those sections which were violated and contributed most directly to the explosion are as follows:

Rules 4 and 5 of Article 12, Sections
4, 10, 11 and 12 of Article 10.

These statutory requirements are imposed upon the Superintendent, Mine Foreman and Assistant Mine Foreman. Therefore, we propose proceeding against such persons as may be involved in accordance with Article 17 of the Act of June 2, 1891, P. L. 176.

Yours very truly,

Daniel H. Connelly, Chairman
Mine Inspector
Eighth District

Andrew Wilson
Mine Inspector
Seventh District

John D. Edwards
Mine Inspector
Thirteenth District

EXPLOSION

FRANKLIN COLLIERY, LEHIGH VALLEY COAL COMPANY
Wilkes-Barre Township, Pennsylvania

At 11:00 A. M., December 11, 1947, an explosion of gas occurred in No. 2 slope, Ross seam of the Franklin Colliery, Lehigh Valley Coal Company, resulting in the death of eight workmen.

-8-

The section of the mine in which the explosion occurred was examined by the assistant foreman on the morning of the accident prior to the workmen entering the mine and was reported to be safe.

The assistant foreman's record book indicated that gas was not found in the affected section for a period of three months prior to the explosion, with one exception, namely, on November 21, 1947.

Following the starting time on the day of the accident, two assistant foremen declared that they had measured and examined all of the working places in the affected section and found such workings free of gas. This inspection was completed shortly before 11:00 A. M. The officials then left for another part of the mine. The explosion occurred about ten minutes later.

An official testified that the faces of some of the chambers had "run" because of the heavy pitch, and that he was unable to examine for gas at the faces of these places. The portions of the chambers left unexamined were approximately thirty feet (30') in length. It is believed that gas accumulated in these unexamined portions and was forced by a rush of coal to the gangway where it joined the ventilating current and was finally ignited.

While the evidence seems to indicate ignition was caused by an electric arc, it could have been caused by a defective safety lamp or by smoking.

The investigation further revealed that the accessible abandoned workings were not examined weekly, main doors were not erected in pairs, nor was the air current conducted and circulated to and along the working faces in sufficient quantities to dilute, render harmless, and sweep away smoke and noxious or dangerous gases, to the extent that all working places and traveling roads were in a safe and fit state to work and travel therein.

All workmen in the section in question used permissible electric cap lamps, and in addition thereto, the miners were furnished with permissible flame safety lamps. A trolley locomotive with reel cable was used in the section.

Jackhammers, driven by compressed air, were used for drilling purposes, and permissible explosives were used for blasting.

The electric motors used for the operation of the shaker chute and conveyor lines, and the switches connected therewith, were of the open type.

Based upon the evidence before us, it appears that two explosions occurred. A laborer, who escaped injury,

-9-

declared that while shoveling coal into a pan line installed in his chamber, he felt a concussion which threw him off balance. He then heard his miner, who was topping a car on the gangway, moan as though in pain, and after walking two or three steps down the chamber to assist his miner, a second explosion occurred. The concussion from this explosion knocked him over and the brattice boards fell upon him. He saw no flame from either explosion. There was, however, considerable dust in suspension. The interval of time between the explosions was, he declares, a few seconds, and the second explosion exerted the greater force. The escape from injury by this laborer may be attributed to the fact that the chamber in which he was engaged was blind, and was driven at right angle to the direction of the force, thus making it impossible for the exertion of any considerable force at the point at which he was working.

The pumpman, who escaped injury, likewise declared that there were two concussions, and that the interval of time between them was but a few seconds.

An examination of the accessible abandoned workings following the explosion and after the ventilation had been restored to an extent comparable to that which existed before the explosion revealed the presence of explosive gas. These abandoned workings are immediately adjacent to, and are on the return side of the live workings. Both sections are ventilated by one continuous air current.

Based upon investigation it appears that the originating source of the gas was at the face of one or two chambers, which chambers, in the course of development, ranged from a moderate pitch to more than sixty degrees (60°) at the face. When this heavy pitch was encountered, the chamber faces "ran," forming voids of possibly more than thirty feet (30') in length. These voids were not ventilated, nor could they be examined.

In the presence of this condition the slope footman, in the performance of his duties, opened a single door erected between the intake and return airways, that he might transport empty cars to a certain branch on the inside of the door and take therefrom loaded cars. To perform this work it was necessary to use the slope rope. This prevented the closing of the door until the transportation work was accomplished.

Based upon our findings, it is evident that the door here described was open for a period of about seven minutes when the explosion occurred. During this period the workings in the affected section were deprived of ventilation.

In our consideration of the cause of the two explosions, which the survivors describe, it seems reasonably possible that following the ignition of the gas on the

-10-

gangway in the live workings, its flame expanded and moved in the direction of the abandoned workings where it encountered and ignited a body of standing gas, to the exploding of which we attribute the second concussion described by the survivors.

In this case the colliery superintendent, the mine foreman, and two assistant mine foremen were charged before the Court of Luzerne County with the violation of several sections of the Anthracite Mining Laws. When arraigned before the Court they pleaded "nole contendere." The superintendent was found guilty and was given a suspended sentence. The foreman and his assistants were fined Five Hundred Dollars (\$500.00) each.

* * * * *

ANTHRACITE REGION - Year 1947

District	Production - net tons					Pounds black powder used	Pounds dynamite used	Pounds permis- sible ex- ploives used	Average days worked	Empl- oyes	Fatal acci- dents	Man-days
	Shipped By	Truck	Sold to local trade	Used at colliery for steam and heat	Total production							
1	2,452,961	55,866	266,253	11,172	2,786,252	945,175	332,219	778,661	277	3779	5	1,067,010
2	1,502,247	161,966	271,918	110,249	2,046,380	736,925	171,621	1,093,874	275	2654	8	776,460
3	1,922,151	94,239	219,613	63,211	2,299,214	28,725	138,567	1,282,900	269	3405	8	915,260
5	1,507,108	62,950	242,338	61,946	1,874,342	168,350	185,215	943,270	283	3097	3	877,659
6	1,225,866	123,606	173,191	5,528	1,528,191	-	168,790	616,192	274	1772	7	515,150
7	1,271,281	2,724	65,192	113,831	1,453,028	-	16,150	551,525	281	2443	24	711,355
8	1,755,131	-	196,275	122,035	2,073,441	-	78,591	1,405,025	284	3289	12	1,063,114
9	1,378,737	90,015	198,186	96,102	1,763,040	-	344,178	1,054,075	283	3383	11	1,070,813
10	1,331,272	184,467	134,166	84,207	1,734,112	513,186	418,970	462,584	268	2386	3	733,714
11	1,769,958	59,486	191,102	153,764	2,114,310	188,700	1,043,590	662,150	279	3126	18	972,098
12	2,039,744	28,085	286,099	156,235	2,510,163	157,850	453,750	1,225,300	284	4095	5	1,255,400
13	2,111,377	18	178,875	203,912	2,494,182	-	604,525	1,213,250	270	3952	13	1,169,622
14	2,183,615	122,946	170,079	177,119	2,653,759	-	615,599	1,305,650	289	3920	5	1,206,532
15	1,344,379	192,126	128,303	38,880	1,703,688	-	1,304,656	161,350	266	2353	2	546,012
16	1,107,300	100,019	66,016	58,047	1,331,382	-	1,517,150	41,650	284	2456	4	528,914
17	3,608,778	387,021	85,671	76,425	4,157,895	-	7,245,680	187,825	260	5318	5	1,568,997
18	2,258,487	437,504	115,736	114,608	2,926,135	-	2,780,906	473,425	231	4408	3	1,017,746
19	2,034,246	602,776	155,190	90,138	2,812,413	-	5,481,026	422,775	268	3409	3	915,080
20	2,850,261	197,851	239,234	20,138	3,377,484	-	4,426,398	305,169	285	4355	4	1,162,716
21	1,726,122	488,861	40,672	17,313	2,272,968	-	1,474,543	449,840	235	2767	-	650,308
22	3,065,887	184,004	128,650	42,313	3,420,854	-	3,820,714	498,230	281	5120	5	1,176,206
23	2,736,206	375,564	83,387	64,937	3,260,094	-	2,747,461	508,463	252	4522	10	1,197,138
24	3,519,004	542,432	170,779	9,418	4,241,633	-	5,581,128	525,148	278	3098	6	862,885
25	849,216	395,998	80,443	7,368	1,333,025	-	343,325	214,938	284	1623	1	432,432
	47,551,334	4,890,324	3,887,368	1,898,959	58,227,985	2,738,911	41,294,752	16,383,229	277	80730	165	22,392,531

Compiled & typed by Ber

ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK) AND EMPLOYES, BY COUNTY
Year 1947

County	Mine	Stripping	Bank	Total production	Employees
Carbon	1,731,348	762,374	440,087	2,933,809	4,891
Columbia	1,172,420	296,597	38,867	1,507,884	2,319
Dauphin	4,515	15,605	8,611	28,731	152
Lackawanna	7,098,121	835,355	604,688	8,538,164	12,381
Luzerne	17,938,202	2,784,553	1,268,205	21,990,960	33,869
Northumberland	3,064,058	2,031,318	1,684,173	6,779,549	6,636
Schuylkill	7,414,382	5,936,408	2,908,898	16,259,688	20,302
Sullivan	36,761	7,112	2,912	46,785	127
Susquehanna	-	22,060	120,355	142,415	53
Wayne	-	-	-	-	-
REGION	38,459,807	12,691,382	7,076,796	58,227,985	80,730

Compiled, typed: Ber

Total Production of Coal, Production from Strippings and Washeries,

Employees, Fatalities, Etc.

1870 - 1947

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Fatal- ities Employees	Produc- tion per fatality	Fatal- ities per million tons	Number of inspect- ors
	#		#	#	#	#	#
1870	14,172,004		35,600	211	67,166	14.89	5
1871	15,532,252		37,488	210	73,963	13.52	5
1872	15,567,973		44,745	223	69,811	14.32	5
1873	21,001,521		48,199	264	79,551	12.57	5
1874	19,930,240		53,402	231	86,278	11.59	5
1875	23,402,646		69,966	238	98,330	10.17	6
1876	23,440,666		70,474	228	102,810	9.73	6
1877	24,727,213		66,842	194	127,460	7.85	6
1878	20,900,966		63,964	187	111,770	8.95	6
1879	31,036,600		68,847	262	118,460	8.44	6
1880	27,974,532		73,373	202	138,488	7.22	6
1881	34,202,558		76,031	273	125,284	7.98	7
1882	35,057,430		82,200	295	118,839	8.41	6
1883	37,747,369		91,421	323	116,865	8.56	6
1884	36,468,738		101,073	332	109,846	9.10	6
1885	38,232,155		100,320	332	115,157	8.68	7
1886	38,950,932		103,044	279	139,609	7.16	7
1887	42,156,300		106,517	316	133,406	7.50	7
1888	46,635,037		122,218	364	128,118	7.81	8
1889	43,650,768		119,646	397	109,952	9.09	8
1890	44,986,286		119,919	378	119,011	8.40	7
1891	49,701,322		123,308	428	116,125	8.61	8
1892	51,226,978		130,300	418	122,553	8.16	8
1893	52,841,110		138,069	456	115,880	8.63	8
1894	50,966,920	386,960	139,939	446	114,276	8.75	8
1895	56,948,756	686,534	143,705	421	135,270	7.39	8
1896	53,843,250	527,809	150,088	502	107,257	9.32	8
1897	52,581,036	732,743	149,557	423	124,305	8.04	8
1898	52,812,675	697,759	142,420	411	128,498	7.78	8
1899	60,518,331	1,055,426	140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170	143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864	147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792	148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258	151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420	161,330	595	123,688	8.08	15
1905	78,647,020	3,897,688	168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402	166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169	168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923	174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562	171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167	168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457	173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161	175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157	175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537	180,899	600	151,983	6.58	21
1915	89,377,706	3,418,427	177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606	159,169	565	155,186	6.44	25
1917	100,445,299	6,408,277	156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454	148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675	153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697	149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096	161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402	159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001	158,764	515	179,910	5.56	22

Total Production of Coal, Production from Strippings & Washeries,

Employees, Fatalities, Etc., (Continued)

1870 - 1947

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Employees	Fatal- ities	Produc- tion per fatal	Fatal- ities per million tons	Num- ber of in- spec- tors
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25
1932	49,501,511	1,062,858	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,356	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24

* Included in total production

No accurate record previous to 1870

‡ No accurate record previous to 1894

% No accurate record previous to 1932

FIRST DISTRICT (CONTINUED)

[illegible]

FIRST DISTRICT (CONTINUED)

FIRST DISTRICT. (CONTINUED)												Non-fatal accidents
Operators & collieries		County	Production - net tons				Pounds dynamite used		Pounds permissible explosives used		Fatal accidents	Non-fatal accidents
: Shipped to market:			Used at		: Pounds		: Pounds		: Pounds		Empl-	dis-
: By			: colliery		: black		: powder		: dynamite		oyes	ability
: By railroad		truck	: trade and heat		: production		: used		: used		days worked	60 days or more
Total production												
: :												

SECOND DISTRICT

T. L. Wackley, Inspector
1801 N. Washington Ave.
Scranton, Pa.

Operators & collieries	County	Production - net tons			Total production	Pounds of black dynamite used	Pounds of permissible explosives used	Days worked	Fatal accidents	Non-fatal accidents
		Shipped to market	Sold to local	Used at colliery for steam and heat						
Ace Coal Co.	Lacka.	7,047	3,624	360	18,479	-	3,100	35,250	57	2
A. & F. Coal Co. Mine	"	4,750	-	-	5,108(a)	-	1,200	14,400	10	-
A. F. & L. Coal Co. Mine	"	4,670	-	-	5,021(a)	-	2,450	2,100	9	-
Albanese Coal Co. Mine	"	7,446	2,476	-	10,178(b)	3,850	900	11,125	16	-
A. & R. Coal Co. Mine	"	9,083	-	-	9,767(a)	-	125	11,600	11	-
Beggin Coal Co. Mine	"	462	-	-	2,888(c)	-	-	5,500	6	-
Blue Flame Coal Co. Mine	"	10,935	-	-	14,777(d)	250	2,575	14,375	30	2
C. & F. Coal Co. Mine	"	9,991	-	-	10,743(a)	150	2,200	11,575	13	-
Consagra Coal Co. Consagra (B) Costanzo Coal Co.	"	1,690	1,322	72	11,959	500	1,350	11,300	242	77
DeAngelis Coal Co. Bank	"	599	-	-	3,741(c)	-	-	6,250	166	8
Falls Mining Co. Mine	"	15,662	-	-	15,662(e)	-	-	-	174	12
Gasparini Stripping Co. Stripping	"	3,266	246	-	3,512(a)	-	-	4,025	249	6
G. M. A. Coal Co. Mine	"	16,876	5,929	-	22,805(d)	-	9,250	1,925	300	15
Gravine Coal Co. Mine	"	12,544	944	-	13,488(a)	-	-	5,525	246	16
G. & S. Coal Co. Mine	"	16,406	5,764	-	22,170(d)	250	2,350	35,575	293	30
Guiducci Coal Co. Mine	"	10,076	-	-	10,834(a)	-	50	10,500	256	15
Hudson Coal Co. Eddy Creek	"	5,931	-	-	27,396(c)	-	12,075	12,475	286	25
Lemencelli Coal Co. Mine	"	762,200	82,938	99,912	945,050	646,575	25,621	190,624	292	1081
	"	1,148	-	-	1,473	-	-	2,400	213	6

SECOND DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Total production	Pounds of black powder used		Pounds of dynamite used	Pounds of permissible explosives used	Days worked	Empl-oyes	Fatal accidents	Non-fatal accidents dis-ability 60 days or more
		Shipped to market	Sold to colliery	Used at local	Used at steam and heat		: black powder	: powder						
		By railroad	By truck	By trade	By heat		: used	: used						
Moasic Mtn. Coal Co.	(B)	-	-	-	-	-	-	-	-	-	124	24	-	-
Drecker Stripping	"	8,158	614	-	-	8,772	100	4,200	325	150	6	-	-	-
Total for Co.		8,158	614	-	-	8,772	100	4,200	325	30	-	-	-	-
Nay Aug Coal Co.	(B)	128,744	-	-	-	128,744	-	-	-	-	192	8	-	-
Bank Ondrick Coal Co.	"	1,853	2,492	-	-	4,345(f)	-	500	1,300	242	10	1	1	-
P. & A. Coal Co.	"	1,577	119	-	-	1,696(a)	-	-	2,100	69	8	-	-	-
Pagnotti Coal Co.	"	3,382	-	1,253	-	4,635(h)	-	-	-	70	11	-	-	-
Pasculichio Coal Co.	"	496	998	-	-	1,494(c)	-	-	1,900	184	8	-	-	-
Pennsylvania Coal Co.	"	260,533	-	139,714	8,323	408,570(i)	5,625	30,325	377,450	292	723	4	9	-
Underwood (B)	"	18,635	-	1,189	-	19,824(j)	-	11,000	-	97	15	-	-	-
Perry Construction Co.	"	103,331	13,193	19,777	422	136,723(k)	64,025	48,825	167,775	296	201	-	2	-
Pompey Coal Co.	(B)	11,868	893	-	-	12,761(a)	-	350	7,400	253	15	-	-	-
Pompey Red Creek Mining Co.	"	6,551	-	4,368	-	10,919(l)	-	1,775	18,900	281	13	-	-	-
Sobleskie Coal Co.	"	264	1,389	-	-	1,653(m)	-	300	300	82	8	-	-	-
Swader Coal Co.	"	12,462	938	-	-	13,400(a)	-	150	12,075	229	26	-	-	-
Swayer Coal Co.	"	429	2,252	-	-	2,681(c)	-	-	3,750	95	10	-	-	-
Touch Coal Co.	"	34,544	69,506	15,257	1,160	120,467(n)	15,600	10,500	109,000	271	111	-	2	-
Village Slope Coal Co.	"	7,754	1,368	-	-	9,122(o)	-	50	-	121	7	-	-	-
Vaspi Coal Co.	"	884	4,639	-	-	5,523(c)	-	400	5,075	261	7	-	-	-
V. & L. Coal Co.	"	1,502,247	161,966	271,918	110,249	2,046,380	736,925	171,621	1,093,874	2654	8	-	37	-
Total for district		1,502,247	161,966	271,918	110,249	2,046,380	736,925	171,621	1,093,874	2654	8	-	37	-

SECOND DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total	Pounds		Days	Empl-	Fatal	Non-fatal
		Shipped to market	By	Used at		black	permissible				
		By	By	to colliery	production	powder	used	worked	eyes	accidents	
		road	truck	trade and heat		used					

(B) Breaker											
(a) Coal prepared at Moosic Mtn. breaker				(h) Coal prepared at Number Nine breaker, 6th district							
(b) " " Moosic Mtn. & Underwood breakers				(i) Includes 42,003 tons bank coal, prepared at Adelphia breaker, 6th dist.							
(c) " " Consagra breaker				(j) Coal prepared at Olyphant breaker, 1st district							
(d) " " Pompey " "				(k) Includes 5,223 tons stripping coal							
(e) " " Boulders				(l) Coal prepared at Underwood breaker							
(f) " " Consagra & Supreme Anth. breakers				(m) Abandoned in April. Coal prepared at Consagra breaker.							
(g) Formerly operated by Sherlock Coal Co.				(n) Coal prepared at Ace (2nd) and Morgan breaker, 5th district.							
				(o) Coal prepared at Ace breaker							

THIRD DISTRICT

W. G. Ward, Inspector											
119 First St., Elakely, Olyphant, Pa.											
Bellevue Coal Co.											
Breaker	(B)	123,523	-	-	123,523	-	-	254	17	-	-
Botschellier, L. J., Inc.											
Mine		3,301	-	-	3,301(a)	-	-	2,200	94	6	-
Bank	(B)	17,479	-	518	17,997	-	-	-	107	11	-
Total for Co.		20,780	-	518	21,298	-	-	2,200	17	-	-
Butera Coal Co.											
Stripping		800	4,203	-	5,003(b)	-	-	53	10	-	-
C. & G. Coal Co.											
Mine		7,773	-	940	8,763(c)	-	-	5,850	123	8	-
DeAngelis Coal Co.											
Mine		9,128	-	-	9,128	-	125	1,125	281	43	-
Stripping	(B)	53,196 (#)	-	-	53,196(d)	-	1,800	-	279	18	-
Bank	(B)	7,226	-	-	7,226	-	-	-	46	11	-
Total for Co.		69,550	-	-	69,550	-	1,925	1,125	72	-	-
Denchy Coal Co.											
Mine		2,648	-	-	2,648(e)	-	-	2,450	95	6	-
Gasparini Excavating Co.											
Stripping		20,697	7,272	-	27,969(f)	-	4,150	850	299	16	-
Giombetti Coal Co.											
E. T. Bank		1,320	-	-	1,320(g)	-	-	-	11	6	-

THIRD DISTRICT (CONTINUED)

THIRD DISTRICT (CONTINUED)											Non-fatal accidents
Operators & collieries	County	Production - net tons			Total production	Pounds of black powder dynamite used	Pounds of permissible explosives used	Days worked	Empl-oyes	Fatal accidents 60 days or more	
		Shipped to market By	Sold to colliery	Used at local for steam and heat							
Supreme Anthracite Co.	Lacka.	7,186	-	200	7,386	-	-	268	17	-	-
Bank Recovery (B)	"	3,980	20,893	-	24,873(o)	7,300	4,267	25,475	261	41	-
Throop Mining Co.	"	21,874	1,905	-	35,258(n)	-	7,500	39,000	282	38	-
Turnpike Coal Co.	"	5,991	-	-	5,991	-	-	-	92	10	-
Waddell Coal Co.	"										
Bank Recovery (B)	"										
Total for district		1,922,151	94,239	219,613	63,211	2,299,214	28,725	138,567	1,282,900	3405	8 47
(B) Breaker											
* Operated to June 1 by Penn Anthracite Co.											
(a)	Coal prepared at Baker breaker	(h) Coal prepared at Von Storch, and Waddell breaker									
(b)	" " " " " "	(i) " " Baker, and Moffat " (5th ")									
(c)	" " " " " "	(j) " " Number Mine " (6th ")									
(d)	" " " " " "	(k) " " Raymond " (1st ")									
(e)	" " " " " "	(l) " " Von Storch " (1st ")									
(f)	" " " " " "	(m) " " Waddell (1st) and Consagra " (2nd ")									
(g)	" " " " " "	(n) " " Underwood " (2nd ")									
(h)	" " " " " "	(o) " " Consagra " (2nd ")									
(i)	" " " " " "	(p) Includes 13,032 tons, report during year as Hudson C.Co. Strip.									
§ Bank coal											

FOURTH DISTRICT DISCONTINUED, MINES TRANSFERRED TO OTHER DISTRICTS

FIFTH DISTRICT

T. D. Rees, Inspector
R.D. 1, Box 54, Scranton, 11, Pa.

B. & B. Coal Co.	Lacka.	2,290	580	219	-	3,089(a)	-	1,600	245	8	-	-
Brymbo Coal Co.	"	3,689	9	217	-	3,915(b)	-	5,220	125	17	-	-
Burke McGrath, Inc.	Luzerne	50,928	-	359	11	51,298(c)	-	-	283	10	-	-
Archibald Bank	Lacka.											
Cimini Coal Co.	"	9,225	-	1,073	55	10,353(d)	-	5,100	292	10	-	-

FIFTH DISTRICT (CONTINUED)

[illegible]

(B) Breaker		(K) Silt prepared at Marvine Silt Plant	
(a) Coal prepared at Morgan and Standard breakers		(1) Coal prepared at Morgan, Supreme (3rd), Black Diamond (10th)	
(b) " "	" Russell (6th) and Black Diamond (10th) dists.	" "	
(c) " "	" Waddell & Bolands (1st), Supreme (3rd), Russell (6th), (a)	" " Morgan, and Supreme (3rd)	
	" Waddell & Bolands (1st), Supreme (3rd), Russell (6th), (a)	" " Parksides and Russell (6th)	
	" Moffat (5th), Von Storch (3rd) & Black Diamond (10th), (b)	" " Waddell (1st)	

(t) Operated by Florine Coal Co. to July.

SIXTH DISTRICT

J. J. Bonner, Inspector
448 Harrison Ave., Scranton

J. J. Bonner, Inspector	Operators & collieries	County	Production - net tons				Founds permiss-ible ex-posed	Fatal accidents 60 days or more		
			Shipped to market		Sold to colliery				Pounds black dynamite used	Days worked
			By railroad	By truck	By	Local and trade				
4448 Harrison Ave., Scranton, Pa.	Adelphia Coal Co.	Luzerne	-	-	-	(a)	-	18	-	
	Washery (B)							291	-	
	George Bone Coal Co.	"	64,032	-	-	64,032(b)	-	24	15	
	Salt Bank									
	DeAngelo Coal Co.	"	8,398	-	-	8,398(c)	-	293	6	
	Mine						8,300		-	
	DeSanto Coal Co.	"	31,670	-	-	31,670(d)	-	213	4	
	Salt Bank									
	Fritz Bros. Coal Co.	"	-	2,111	-	2,111(e)	-	155	4	
	Stripping						200		-	
	Gillizai Coal Co.	"	-	10,063	-	10,063(e)	-	132	6	
	Stripping						5,000		-	
	Gravity Coal Co.	"	55,252	-	-	55,252(f)	-	79	11	
	Bank								-	
	Guzior Coal Co.	"	-	10,356	-	10,356(g)	-	211	12	
	Mine						9,000		2	
	Harris & Walsh Coal Co.	"	127,780	20,000	-	147,780(h)	-	254	32	
	Stripping						9,250		-	
	Heidelberg Coal Co.	"	71,117	22,132	11,741	106,088	-	287	163	
	Heidelberg (B)	"	4,779	-	-	4,779(i)	-	123	4	
	" Stripping						3,240		-	
	Total for Co.		75,896	22,132	11,741	110,867	-	167	5	
	Hillside Coal Co.									
	Mine	"	-	6,466	-	6,466(e)	-	241	6	
	Jenkins Coal Co.	"	30,008	-	-	30,008(j)	-	293	29	
	Mine						1,800		1	
	Jermyn-Green Coal Co.	"	123,641	-	-	124,499(k)	-	256	145	
	Butler				858		-		-	
	L. K. Coal Co.	"	40,000	23,750	-	63,750(l)	-	271	19	
	Stripping						36,200		-	
	Major Coal Co.	"	-	2,535	-	2,535(g)	-	179	6	
	Mine						2,750		-	
	M. B. Coal Co.	"	3,220	-	-	3,220(m)	-	203	10	
	Mine						900		-	
	M. P. Coal Co.	"	6,396	-	-	6,396(m)	-	252	11	
	Mine						1,400		-	
	Nimichello Coal Co.	"	-	3,119	-	3,119(e)	-	136	7	
	Mine						475	1,375	-	

SIXTH DISTRICT (CONTINUED)

SIXTH DISTRICT (CONTINUED)												
Operators & collieries		County	Production - net tons				Total production	Pounds black powder dynamite used	Pounds permissible explosives used	Days worked	Fatal accidents 60 days or more	Non-fatal accidents
			Shipped to market	Used at	Sold	to colliery						
			By railroad	By truck	to local	for steam and heat						
Nardone Coal Co.		Luzerne	7,335	-	-	-	7,335(j)	-	5,800	293	8	-
Number Nine Coal Co.		"	394,707	-	142,030	3,068	539,805	-	83,575	297,207	286	6
" Stripping		"	7,136	-	2,643	-	9,779(n)	-	6,425	-	180	10
" Washery (B)		"	47,786	-	-	-	47,786	-	-	164	8	-
Total for Co.			449,629	-	144,673	3,068	597,370	-	90,000	297,207	885	6
Pickaway Coal Co.		"	-	3,248	-	-	3,248(e)	-	1,300	230	6	-
Russell Coal Co.		(B) Lacka.	84,971	-	16,777	504	102,252	-	42,060	264	225	1
Sarf Coal Co.		Luzerne	11,887	-	-	-	11,887(o)	-	250	17,800	293	12
Scardell Coal Co.		"	1,677	-	-	-	1,677(m)	-	975	158	6	-
Sharr Coal Co.		"	2,564	949	-	-	3,513(n)	-	1,450	232	6	-
Stodnick Coal Co.		"	-	3,955	-	-	3,955(g)	-	3,150	1,975	225	8
Sussex Coal Co.		"	64,131	12,000	-	-	76,131(p)	-	4,400	34,050	254	76
Valley View Coal Co.		"	22,178	-	-	-	22,178(q)	-	-	70	10	-
Vigilone Coal Co.		"	-	1,376	-	-	1,376(n)	-	250	1,200	183	6
Warnes Coal Co.		"	15,201	-	-	-	15,201(n)	-	1,150	8,800	283	11
W. S. P. Coal Co.		"	-	1,546	-	-	1,546(e)	-	150	1,225	178	5
Total for district			1,225,866	123,606	173,191	5,528	1,528,191	-	168,790	616,192	1772	7
(B) Breaker												
(a) Prepares coal from other districts												
(b) Shipped, unprepared, to Russia												
(c) Coal prepared at Underwood b reaker, 2nd district												
(d) Solid unprepared												
(e) Coal prepared at Russell breaker												
(f) Gravity " " 5th district												
(g) Standard " " 5th												
(h) Standard & Morgan, 5th, & No. 14 breaker, 8th dist.												
(i) Heidelberg breaker												
(j) Ewen " " 8th district												

EIGHTH DISTRICT

D. H. Connelly, Inspector
25 E. Bennett St., Kingston, Pa.

Operators & collieries	County	Production - net tons					Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Fatal accidents	Non-fatal accidents
		Shipped to market:		Used at								
		By railroad	By truck	By local trade	By colliery for steam and heat							
C. & G. Coal Co.	Luzerne	3,654	-	-	-	3,654(a)	-	825	575	142	16	-
C. " Stripping	"	18,887	-	-	-	18,887(a)	-	2,900	-	262	7	-
Total for Co.		22,541	-	-	-	22,541	-	3,725	575	23	-	-
Jermyn-Green Coal Co.	"	367,088	-	-	17,075	384,163(b)	-	-	263,850	253	730	1
No. 6 Stripping	"	10,123	-	-	-	10,123(b)	-	7,000	-	147	9	-
No. 14 Stripping	"	75,488	-	152,500	89,544	317,532	-	-	297,925	254	710	-
Total for Co.		452,699	-	152,500	106,619	711,818	-	7,000	561,775	1449	1	14
Knox Coal Co.	"	470,903	-	-	-	470,903(c)	-	11,975	385,075	291	507	5
Schooley	"	60,000	-	-	-	60,000(a)	-	100	37,925	290	68	1
P. & J. Coal Co.	"	497,965	-	42,168	15,416	555,549(d)	-	20,141	305,725	293	958	5
Pennsylvania Coal Co.	"	136,035	-	-	-	136,035(a)	-	4,500	97,500	290	197	1
Even (B)	"	35,287	-	-	-	35,287(a)	-	31,000	-	299	18	-
Plains-Hilldale Coal Co.	"	171,322	-	-	-	171,322	-	35,500	97,500	215	1	3
No. 14 Drifts	"	13,579	-	-	-	13,579(a)	-	150	16,450	287	21	-
Stripping	"	66,122	-	1,607	-	67,729(f)	-	-	-	193	48	-
Total for Co.		1,755,131	-	196,275	122,035	2,073,441	-	78,591	1,405,025	3289	12	28
Sarf Coal Co.	"											
Rex (e)	"											
Valley View Coal Co.	"											
Breaker (B)	"											
Total for district												

(B) Breaker
(a) Coal prepared at Even breaker
(b) " " No. 14
(c) " " Underwood, 2nd dist., Number Nine, 6th dist., and Even breaker
(d) Includes 80,065 net tons silt, prepared at Adelphia breaker, 6th dist.
(e) Operated January to April, inclusive, by Snyder Mining Co.
(f) Preparation plant. Prepared coal from banks in 8th dist.

NINTH DISTRICT

T. M. Beane, Inspector
316 Monument Ave.,
Wyoming, Penna.

Non-fatal
accidents

Operators & collieries	County	Production - net tons			Total production	Pounds dynamite used	Pounds permis- sible ex- ploives used	Days worked	Empl- oyes	Fatal acci- dents	Non-fatal accidents dis- ability 60 days or more
		Shipped to market By	Sold to colliery	Used at local for steam and heat							
Butter Tub Coal Co.	Luzerne	12,905	5,406	2,195	208	20,714(a)	-	6,000	258	36	2
Dial Rock Coal Co. (B)	"	44,879	18,802	7,635	721	72,037	-	5,100	267	139	-
Harry E. Coal Co. (B)	"	132,447	-	140,881	17,003	290,331	-	19,625	286	550	2
Harry E. Bank	"	3,707	-	-	-	3,707	-	-	14	6	-
Total for Co.		136,154	-	140,881	17,003	294,038	-	19,625	220,575	556	2
Kehoe-Berge Coal Co. Red Ash Shaft	"	149,692	30,178	10,408	1,286	191,564(b)	-	9,525	144,850	263	1
Lehigh Valley Coal Co. Prospect (B)	"	355,757	35,629	19,065	39,877	450,328(c)	-	59,950	207,350	269	17
Westmoreland Stripping	"	339,298	-	15,451	34,880	389,629(d)	-	247,950	42,850	271	2
		2,127	-	-	-	2,127(d)	-	-	-	37	8
Total for Co.		697,182	35,629	34,516	74,757	842,084	-	307,900	250,200	1,569	2
Maltby Coal Co.											26
Maltby	"	89,009	-	-	60	89,069(d)	-	175	63,100	288	132
Payne Coal Co. Exeter	"	248,256	-	2,551	2,067	252,874(d)	-	1,853	301,850	236	4
Sullivan Trail Coal Co. Clear Spring (e)	"	-	-	-	-	-	-	-	-	289	65
Traifford Coal Co. (B)	"	660	-	-	-	660	-	-	500	91	5
Total for district		1,378,737	90,015	198,186	96,102	1,763,040	-	344,178	1,054,075	3,983	11

(B) Breaker

(a) Coal prepared at Dial Rock breaker

(c) Includes 5,787 tons bank coal

(b) Coal prepared at William A breaker, 5th district

(d) " " Prospect

(e) Repair shops

TENTH DISTRICT

J. C. Hines, Inspector
27 James St., Pittston, Pa.

Operators & collieries	County	Production - net tons				Total production	Pounds of black powder used	Pounds of dynamite used	Pounds of permissible explosives used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal accidents
		Shipped to market	By truck	Sold to local	Used at colliery for steam and heat								
Alderson Mining Co.	Luzerne	-	12,673	-	-	12,673(b)	-	500	1,500	220	37	-	-
Bernice White Ash Co.	Connell (B)	17,371	9,538	7,453	-	34,362	27,186	500	-	157	87	-	2
Black Diamond Colly, Inc.	Luzerne	-	-	-	-	(c)	-	-	-	113	8	-	-
Blue Diamond Coal Co.	Sullivan	2,862	-	-	50	2,912(d)	-	-	-	59	10	-	-
Capone Coal Co.	(B)(f)	49,437	33,114	-	-	82,551(e)	-	7,775	56,225	232	112	-	1
Conlon Coal Co.	"	59,078	-	10,433	429	69,940(g)	-	18,075	68,750	268	131	-	2
Duryea Anthracite Co.	Packer (B)	81,529	-	905	312	82,746(h)	-	12,420	57,400	239	145	-	3
Ferraro & Glowacki	"	-	60,684	-	-	60,684(i)	-	-	-	121	10	-	-
Florini Coal Co.	Sullivan	-	7,112	-	-	7,112(j)	-	-	-	54	10	-	-
Franklin Coal Mng. Co.	Luzerne	141,712	-	39,946	938	182,596(k)	-	70,378	46,350	285	109	-	1
Greenwood Mining Co.	"	-	16,265	-	-	16,265(l)	-	4,700	23,000	234	35	-	-
Hudson Coal Co.	(m)	276,077	-	6,818	20,493	303,388(n)	310,100	15,219	80,800	291	373	-	7
Delaware	(B)	46,117	-	12,186	184	58,487(o)	-	-	18,000	293	76	-	5
Laflin	"	248,003	-	55,214	21,095	324,312(p)	175,750	4,478	57,984	291	446	2	-
Pine Ridge	(B)	-	-	-	-	-	-	-	-	-	-	-	-
Total for Co.		570,197	-	71,218	41,772	686,187	485,850	19,697	156,784	-	895	2	12
Lehigh Valley Coal Co.	"	398,335	11,652	-	40,706	450,693(q)	-	284,025	8,075	269	644	1	18
Henry	"	-	-	-	-	-	-	-	-	-	-	-	-
Monahan Coal Co.	(B)	268	920	1,211	-	2,399	150	50	-	106	20	-	-
Loyalsock	"	-	-	-	-	-	-	-	-	-	-	-	-
Pringle Coal Co.	(r)	10,483	-	-	-	10,483(s)	-	150	6,250	110	55	-	-
East Boston	"	-	-	-	-	-	-	-	-	-	-	-	-
West Side Coal Co.	"	-	32,509	-	-	32,509(t)	-	700	38,250	203	78	-	1
West Side	"	-	-	-	-	-	-	-	-	-	-	-	-
Total for district		1,331,272	184,467	134,166	84,207	1,734,112	513,186	418,970	462,584	-	2386	3	40

TENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total production	Pounds		Days worked	Fatal accidents	Non-fatal accidents
		Shipped to market:	By truck	Used at colliery		: black dynamite	: powder dynamite			
		By railroad	By trade	for steam and heat		used	used	eyes	dis-	ability
								60 days		or more
(B) Breaker										
(a) Coal prepared at Black Diamond breaker					(j) Coal prepared at Bemice White Ash, Connell breaker					
(b) Includes 1,539 tons stripping coal					(k) Includes 42,718 tons stripping and 96,430 tons bank coal					
(c) Preparation plant					(l) Coal prepared at Waddell (1st), Hudson Coal Co.					
(d) Bank coal					(m) " " Laflin & Fine Ridge breakers					
(e) Includes 9,846 tons stripping and 33,213 tons bank coal					(n) Includes 34,794 tons stripping coal					
(f) Prior to 7-15-47 coal was prepared at Waddell (1st), Heidelberg					(o) " " 6,535 " and 23,389 tons bank coal					
(g) (6th), No. 14 (8th), and Harry E. (9th)					(p) " " 20,358 " " 6,569 " " "					
(g) Includes 9,479 tons stripping coal					(q) Coal prepared at Prospect breaker, 9th district					
(h) " " " " " "					(r) Operated in 1946 by Luzerne Anthracite, Inc.					
(i) Coal prepared at Waddell (1st), Prospect (9th), Black Diamond					(s) Coal prepared at Waddell (1st), William A. (5th) and Heidelberg (6th)					
Mineral Spring & Packer (10th) and No. 7 breaker (14th)					(t) " " Von Storch (3rd), Morgan and William A. (5th), Heidelberg (6th), Black Diamond and Conlon (10th)					

ELEVENTH DISTRICT

Henry R. Owens, Inspector
50 Carverton Road, Trucksville, Pa.

Glen Alden Coal Co.	Luzerne	164,790	-	15,995	180,785(a)	-	16,550	132,000	295	295	1	3
Kidder Slope	"	136,168	-	13,127	149,295(a)	-	15,000	104,000	295	311	1	2
Empire Shaft	"	362,053	121	120,085	522,114	-	10,650	255,850	295	1010	4	14
S. Wilkes-Barre (B)	"	139,852	-	13,881	153,733(a)	-	364,300	-	278	40	-	-
A. E. Dick Stripping	"	802,863	121	120,085	1,005,927	-	406,500	491,850	1656	6	19	-
Total for Co.												
Hudson Coal Co.	"	317,887	-	5,209	335,157(b)	188,700	30,315	102,925	(292	413)	-	4
Baltimore No. 5	"	38,668	-	-	38,756(b)	-	-	-	-	-	-	-
" " Bank	"	85,847	-	-	85,847(b)	-	247,600	-	295	31	-	-
A. E. Dick Stripping	"	442,402	-	5,209	459,760	188,700	277,915	102,925	444	-	4	-
Total for Co.												
Lehigh Valley Coal Co.	"	354,013	59,365	65,808	523,913	-	304,550	-	271	781	2	11
Dorrence (B)	"	144,398	-	14,030	158,428(c)	-	4,625	67,375	268	236	10	11
Franklin	"	26,282	-	-	26,282(c)	-	50,000	-	268	9	-	-
" Stripping	"	524,693	59,365	65,808	708,623	-	359,175	67,375	1026	12	22	-
Total for Co.												
Total for district		1,769,958	59,436	191,102	2,174,310	188-700	1,043,590	662,150	3126	18	45	-

ELEVENTH DISTRICT (CONTINUED)

ELEVENTH DISTRICT (CONTINUED)											
Operators & collieries	County	Production - net tons					Pounds of dynamite used	Pounds of black powder used	Days worked	Fatal accidents	Non-fatal accidents
		Shipped to market:		Used at:							
		By	By	to colliery	local for steam and heat	Sold					
Total production											
Pounds of permissible explosives used											
Days worked											
Fatal accidents											
Non-fatal accidents											
(D) Breaker											
a) Coal prepared at Huber breaker, 13th district											
(b) Coal prepared at Marvine breaker, 5th district											
(c) " " Prospect " 9th											

(b) Coal prepared at Marvine breaker, 5th district
(c) " " Prospect " 9th "

TWELFTH DISTRICT

E. C. Curtis, Inspector 52 Poplar St., Kingston, Pa.										
B. & M. Construction Co. Mine Stripping	736 1,398 2,134	- - -	- - -	- - -	736(a) 1,398(a) 2,134	- - -	900 - 900	300 - 300	101 - 9	- - -
Bird Mining Co. Mine Carey, Baxter & Kennedy Stripping Courtale Coal Co. Courtale Dewees Bros. Stripping Glen Alden Coal Co. Lance Woodward	30,435 210,406 88,390 15,019 354,360 502,378 856,738	- - - - 24,715 3,370 28,085	- - - - 134,940 115,582 250,522	- - - - 40,326 59,433 99,759	32,818(b) 210,406(c) 96,800(d) 15,019(c) 554,341 680,763 1,235,104	- - - - - - -	925 362,875 4,525 13,500 21,750 11,800 33,550	15,000 - 90,475 - 388,750 353,450 742,200	290 298 267 259 291 293 2465	31 90 93 10 995 1470 2
Total for Co.										
Hudson Coal Co. Loree Kingston Mining Co. Mine Seleski Coal Co. Mine	832,916 - - 3,706 2,039,744	- - - - 28,085	35,577 - - - 286,099	45,683 - - - 156,235	914,176(g) - - 3,706(c)f 2,510,163	157,850 - - - 157,850	27,375 - - 10,000 453,750	376,125 - - - 1,225,300	291 123 33 135	1350 - - 14 4095
Total for district										

(d) Coal prepared at Woodward breaker
(e) No production. Development work
(f) Includes 185 tons mined and 3,521 tons stripping coal
(g) " 4,693 tons bank coal

(B) Breaker
(a) Coal prepared at Harry E. (9th) and Black Diamond (10th)
(b) " " Lance breaker
(c) " " Loree

THIRTEENTH DISTRICT

J. D. Edwards, Inspector
55 Butler St., Wyoming, Pa.

Operators & collieries	County	Production - net tons			Pounds black powder used	Pounds dynamite used	Pounds permissible explosives used	Days worked	Empl oyes	Fatal acci- dents	Non-fatal accidents dis- ability 60 days or more
		Shipped to market:	By	Used at colliery for steam and heat							
Huber Stripping	Luzerne	172,143	-	16,708	-	194,020	-	298	32	-	-
Truesdale "	"	104,259	-	8,158	-	238,780	-	296	29	-	-
Total for Co.		276,402	-	24,866	-	432,800	-		61	-	-
Glen Alden Coal Co.											
Buttonwood	"	434,994	-	42,163	-	42,200	257,000	294	838	4	9
Huber (B)	"	593,066	-	73,243	-	10,300	495,000	295	1458	6	17
Sugar Notch	"	147,223	-	11,526	-	4,250	74,750	295	225	1	4
Truesdale (B)	"	588,737	18	16,495	-	75,925	386,500	295	1353	2	20
Total for company		1,766,020	18	178,875	-	132,675	1,213,250		3874	13	50
Kingston Excavating Co.											
Stripping (Sugar Notch (Truesdale	"	68,955	-	5,521	-	39,050	-	299	17	-	-
Total for district		2,111,377	18	178,875	-	604,525	1,213,250		3952	13	50

(B) Breaker

(a) Coal prepared at Huber breaker, Glen Alden Coal Co.

(b) Coal prepared at Truesdale breaker, Glen Alden Coal Co.
(c) Includes 4,259 tons bank coal

FOURTEENTH DISTRICT

K. C. Lee, Inspector
88 Old River Road, Wilkes-Barre, Pa.

Alden Coal Co.											
Alden (B) Luzerne		132,161	-	8,578	-	10,177	129,306	280	259	-	2
Duryea Anthracite Co.											
West End	"	16,134	-	-	-	10,225	6,650	275	24	-	-
" Stripping	"	13,820	-	-	-	-	-	263	4	-	-
" Bank	"	7,906	-	-	-	-	-	104	10	-	-
Total for Co.		37,860	-	-	-	10,225	6,650		38	-	-
Glen Alden Coal Co.											
Manamie (B)	"	691,342	15,786	14,953	-	53,750	417,500	293	1260	3	15
" Stripping	"	179,984	-	-	-	275,919	-	299	36	-	-
Total for Co.		871,326	15,786	14,953	-	329,669	417,500		1296	3	15

FOURTEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Total production	Pounds of black powder used	Pounds of dynamite used	Pounds permissible explosives used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal accidents dis-ability 60 days or more
		Shipped to market:	By	Sold to colliery	Used at local for steam and heat								
Stackhouse Coal Co.	Luzerne	60	-	13	-	73(b)	-	50	150	70	8	-	-
Stackhouse	Susquehanna Collieries Div.												
M. A. Hanna Co.	"	526,425	100,118	130,775	45,528	802,846	-	10,398	479,983	269	1,404	2	19
No. 7	(B)	25,740	-	-	-	25,740	-	500	-	269	13	-	-
" Stripping	"	510,129	7,042	15,760	56,471	589,402	-	134,025	272,061	276	882	-	15
Glen Lyon	(B)	79,914	-	-	-	79,914	-	120,555	-	276	20	-	3
"	"												
Total for Co.		1,142,208	107,160	146,535	101,999	1,497,902	-	265,478	752,044	2319	2	37	
Total for district		2,183,615	122,946	170,079	177,119	2,653,759	-	615,599	1,305,650	3920	5	54	

(B) Breaker

(a) Coal prepared at Facker breaker, 10th district

(b) 60 tons prepared at Black Diamond breaker, 10th district

FIFTEENTH DISTRICT

Ralph Ditzler, Inspector
609 Grant St., Hazleton, Pa.

Cabin Creek Coal Co.	Columbia	-	2,680	-	-	2,680(a)	-	425	-	229	6	-	-
Red Oak	"	-	500	-	-	500(a)	-	325	-	34	6	-	-
" Stripping	"	-	400	-	-	400(a)	-	-	-	75	5	-	-
" Bank	"	-	-	-	-	-	-	-	-	-	-	-	-
Total for Co.		-	3,580	-	-	3,580	-	750	-	-	17	-	-
C. Henry Alt Miller													
Black Ridge Washery(B) Luz.		9,469	566	-	20	10,055(b)	-	-	-	166	6	-	-
Gowen Coal Co.	(B) Luzerne	47,678	-	9,152	785	57,615	-	-	10,000	226	86	-	1
Gowen	"	8,189	-	3,000	-	11,189(a)	-	2,550	-	197	5	-	-
" Stripping	"	6,028	-	1,000	-	7,028(a)	-	650	-	226	6	-	-
" Bank	"	-	-	-	-	-	-	-	-	-	-	-	-
Western Lehigh Bank Columbia		380	-	-	-	380(a)	-	-	-	10	5	-	-
Total for Co.		62,275	-	13,152	785	76,212	-	3,200	10,000	102	-	1	

FIFTEENTH DISTRICT (CONTINUED)

FIFTEENTH DISTRICT (CONTINUED)												
Operators & collieries	County	Production - net tons				Pounds dynamite used	Pounds black powder used	Pounds permissible explosives used	Days worked	Fatal accidents	Non-fatal accidents	
		Shipped to market:		Used at								Total production
		By railroad	By truck	Sold to local	to colliery for steam and heat							
Sandy Run Miners & Producers												
Upper Lehigh Breaker	Luzerne(B)	67,344	1,545	3,515	360	72,764	-	-	207	25	-	
Stripping	"	67,344	1,545	3,515	360	72,764	-	10,500	269	31	-	
Total for Co.							-	10,500	-	56	-	
Total for district		1,344,379	192,126	128,303	38,880	1,703,688	-	1,304,656	2353	2	33	

(B) Breaker
 (a) Coal prepared at Gowen breaker
 (b) Includes 566 tons prepared at S. Tamaqua Coal Pockets, 18th district
 (c) Coal prepared at Jeddo-Highland breaker
 (d) " " Beaver Meadow breaker, 18th district
 (e) Operated by Lattimer Coal Corp. to 9-1-47

SIXTEENTH DISTRICT

Ralph Ditzler, Acting Inspector
 609 Grant St., Hazleton, Pa.

Beaver Brook Coal Co.										
Beaver Brook Washery Luzerne (B)	44,232	3,396	-	200	47,828	-	-	221	13	-
" Stripping	5,479	-	-	-	5,479	-	1,000	226	7	-
Total for Co.	49,711	3,396	200	200	53,307	-	1,000	20	-	-
Bellevue Coal Co.										
Hill Top Washery (B)	57,446	-	-	-	57,446	-	-	179	11	-
Carbonizing Coal Co.										
Carbonizing Washery (B)	38,343	-	-	-	38,343	-	-	125	23	-
Cranberry Improvement Co.										
Cranberry (B)	70,923	1,609	22,903	3,085	98,520	-	13,000	80	497	1
" Stripping	11,991	-	-	-	11,991	-	23,000	90	23	-
" Bank	33,561	-	-	-	33,561	-	575	80	30	-
Humboldt Bank	7,361	-	-	-	7,361	-	-	80	17	-
Total for Co.	123,836	1,609	22,903	3,085	151,433	-	36,575	567	1	2
Glen Alden Coal Co.										
Audenried (B)	4,391	463	300	542	5,696	-	4,233	292	22	-
" Carbon	87,162	9,183	5,946	10,757	113,048	-	88,893	292	426	1
" Schuyl.	149,639	15,766	10,209	18,467	194,081	-	156,549	292	356	1
" Luzerne	4,207	443	287	519	5,456	-	1,550	75	6	-
" Stripping	148,629	15,659	10,140	18,343	192,771	-	488,525	292	108	-

SIXTEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Pounds black powder used	Pounds dynamite used	Pounds permissible plossives used	Days worked	Empl- oyes	Fatal acci- dents	Non-fatal accidents dis- ability 60 days or more
		Shipped to market:	Sold at	Used at	Total							
		By truck	By rail	to colliery for steam and heat	production							
Glen Alden	Total for Co.	394,028	41,514	26,882	48,628	511,052	-	739,750	-	918	2	7
Humboldt Anthracite Co.	Luzerne											
Humboldt (a)	"	83,374	-	2,886	384	86,644(b)	-	19,500	1,300	147	237	-
" Stripping (a)	"	3,174	405	93	85	3,757(c)	-	300	-	53	10	-
Total for Co.		86,548	405	2,979	469	90,401	-	19,800	1,300	247	-	1
Lehigh Valley Coal Co.	"											
Humboldt Bank	"	-	-	-	31	31(e)	-	-	-	2	3	-
Cranberry Stripping (d)	"	31,742	2,991	2,483	500	37,716(e)	-	-	-	65	13	-
" Bank (d)	"	228	22	18	5	273(e)	-	-	-	2	3	-
Total for Co.		31,970	3,013	2,501	536	38,020	-	-	-	19	-	1
Payne Coal Co.	"											
Spring Mountain (B)	"	34,652	4,418	1,019	757	40,846	-	21,550	-	264	154	8
" Stripping	"	60,659	7,554	2,047	1,235	71,495(f)	-	537,425	-	261	36	-
" Bank	"	1,712	218	50	371	2,351(g)	-	-	-	15	5	-
Spring Brook	Carbon	81,768	10,424	2,405	1,787	96,384(g)	-	40,000	-	264	172	-
" Stripping	Luzerne	28,604	3,130	1,599	759	34,092(h)	-	78,750	-	261	20	-
Total for Co.		207,395	25,744	7,120	4,909	245,168	-	677,725	-	387	1	8
T. F. Steele Coal Co.	"											
Coleraine Breaker (B)	Carbon	-	-	-	-	-	-	-	-	146	38	-
Cranberry	Luzerne	17,685	700	581	110	19,076(i)	-	5,200	1,500	62	(j)	-
Harwood	"	11,890	450	300	10	12,650	-	1,500	9,700	181	25	-
" Stripping	"	6,122	400	250	-	6,772	-	500	150	91	16	-
Onaida	Schuyl.	48,517	3,800	1,500	100	53,917	-	32,500	11,500	217	139	2
"	"	33,809	2,500	1,000	-	37,309	-	3,500	1,500	176	29	-
Total for Co.		118,023	7,850	3,631	220	129,724(k)	-	43,200	24,350	247	-	2
Trader Horn Coal Co.	"											
Silver Brook	Luzerne	-	360	-	-	360(l)	-	100	-	105	5	-
" Bank	"	-	16,128	-	-	16,128(m)	-	-	-	170	12	-
Total for Co.		-	16,488	-	-	16,488	-	100	-	17	-	-
Total for district		1,107,300	100,019	66,016	58,047	1,331,382	-	1,517,150	41,650	2456	4	21

(B) Breaker

(c) Coal prepared at Spring Mountain breaker

(d) Operated by Cranberry Improvement Co. to 5-1-47

(e) Coal prepared at Hazleton Shaft breaker, 18th district

Shaft breaker, 18th district

SIXTEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Total production	Pounds		Pounds permiss- ible ex- plosives used	Days worked	Empl- oyes	Fatal acci- dents - 60 days or more
		Shipped to market :	By :	Sold :	Used at :		black	powder				
		By truck :	local :	to colliery :	for steam and heat :							
		By railroad :	trade :									
(f)	65,116 tons prepared at Spring Mountain and 6,379 tons at Hazleton Shaft breaker					(k) 9,257 tons prepared at Cranberry breaker, of Cranberry Improvement Co. the balance at Coleraine breaker						
(g)	Coal prepared at											
(h)	15,500 tons prepared at					(l) 92 tons prepared at Beaver Brook breaker and 268 tons at Wesner breaker, 20th district						
(i)	10,251 " " Coleraine											
(j)	Employees included with Cranberry Improvement Co., which operated to 5-1-47					(m) 95 tons prepared at Beaver Brook, 8,227 tons at Dreher's ville (18th, 6,070 tons at Hillside (18th) and 1,736 tons at S. Tamaqua Coal Pockets, (18th)						

SEVENTEENTH DISTRICT

W. J. Clements, Inspector
25 Ruddle St., Coaldale, Pa.

Anthracite Enterprises, Inc.	328,813	-	435	925	330,173(a)	-	-	237	172	-	-	-
Hauto Breaker (B) Carbon	298,886	51,875	11,636	6,488	368,885	-	462,500	69,470	257	793	-	23)
Lehigh Navigation C. Co., Inc. Coaldale (B) Carbon	416,534	134,975	30,276	16,883	598,668	-	367,000	18,530	257	889	2	
" " Stripping Schuyl.	361,134	-	-	-	361,134	-	1,507,920	-	257	201	-	
Lansford (B) Carbon	468,168	-	-	29,693	497,861	-	346,445	29,350	254	1023	1	7
" " Stripping	422,108	-	-	-	422,108	-	924,194	-	254	271	1	
" Bank	15,754	-	-	-	15,754	-	-	-	96	15	-	
Tamaqua (B) Schuyl.	893,962	200,171	43,324	22,436	1,159,893	-	962,650	70,475	258	1656	1	23
" " Stripping	284,219	-	-	-	284,219	-	2,659,596	-	258	262	-	
" Bank	119,200	-	-	-	119,200	-	15,375	-	258	36	-	
Total for Co.	3,279,965	387,021	85,236	75,500	3,827,722	-	7,245,680	187,825		5146	5	53
Total for district	3,608,778	387,021	85,671	76,425	4,157,895	-	7,245,680	187,825		5318	5	53

(B) Breaker
(a) Bank coal

EIGHTEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Total production	Pounds of black powder used	Pounds of dynamite used	Pounds of explosive used	Days worked	Fatal accidents	Non-fatal accidents
		Shipped to market by	Sold to	Used at	By truck							
Norvidas & Patrick Washery (B)	Carbon	23,478	-	-	-	23,478	-	-	-	140	8	-
Philadelphia & Reading Coal & Iron Co.	Schuyl.	200,079	-	-	-	200,079(f)	-	1,043,620	-	291	93	3
Reevesdale Stripping Newkirk Tunnel	"	246,045	-	-	-	247,493(f)	-	219,800	30,825	288	212	5
Total for Co.		446,124	-	-	-	447,572	-	1,263,420	30,825	305	-	8
Stefonick & Falkovitch Stripping	"	-	62,327	-	-	62,327(g)	-	84,800	-	149	39	-
S. Tamaqua Coal Pockets Breaker (B)	"	7,917	8,290	-	-	16,207	-	-	-	204	9	-
Winton Coal Mining Co.	"	-	-	-	-	-	-	-	-	218	27	3
Myrtle (B)	"	-	-	-	-	-	-	-	-	218	17	-
Stripping	"	59,860	-	-	-	59,860	-	-	-	218	27	-
" Bank	"	39,150	2,719	100	-	41,969	-	-	-	218	27	-
Total for Co.		99,010	2,719	100	-	101,829	-	-	-	71	-	3
Total for district		2,258,487	437,304	115,736	114,608	2,926,135	-	2,780,906	473,425	4408	3	64

(B) Breaker
(a) Coal prepared at Carbon breaker, Tuscarora Strip. & Mining Co., which operated to April. Bell Slope abandoned 2-1-47
(b) Operated by Tuscarora Strip. & Mining Co. from Jan. to Apr.
(c) Coal prepared at various breakers
(d) Coal prepared at Coleraine breaker, 16th district
(e) Prepared coal from other districts
(f) Coal prepared at St. Nicholas breaker, 20th district
(g) " " Carbon breaker, Mountain Top Coal Co.

NINETEENTH DISTRICT

T. A. Ryan, Inspector
124 1/2 W. Norwegian St., Pottsville, Pa.

Beckville Coal Co.	Schuyl.	6,663	8,193	73	-	14,929	-	-	4,200	168	27	-
Beckville (B)	"	20,210	7,110	899	-	28,219(a)	-	940	-	217	11	-
Burke, Timothy Stripping	"	-	-	-	-	-	-	-	-	-	-	-

NINETEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Fatal accidents 60 days or more
		Shipped to market by	Sold to colliery	Used at local for steam and heat	Used at black powder production					
		By railroad	By truck	By trade					Empl-accidents	
C. & D. Coal Co.	Schwyl.	-	1,190	-	-	1,190(b)	-	390	70	5
Colitz Coal Co.	"	-	-	-	-	6,200	-	1,100	296	108
Colitz (B)	"	-	-	-	-	192,915	-	-	-	-
Stripping		84,567	99,428	15,000	120	199,115	-	1,100	108	-
Total for Co.										
Confair Coal Co.										
Mine		-	2,650	-	-	2,650(c)	-	900	172	5
Darkwater Coal Co.	"	-	-	-	-	-	-	-	-	-
Wolf Creek (B)	"	9,100	1,980	1,150	385	12,615	-	2,600	129	22
Delaware Mining Co.	"	-	2,947	-	-	2,947(a)	-	.750	224	6
Mine	"	-	-	-	-	-	-	-	-	-
Eagle Hill Coal Co.	"	-	-	-	-	-	-	-	-	-
Eagle Hill (B)	"	-	-	-	-	-	-	-	-	-
Frackville Coal Co.	"	-	-	-	-	-	-	-	-	-
Lucanna (B)	"	-	-	-	-	-	-	-	-	-
Stripping	"	-	-	-	-	9,982	-	2,850	56	101
Bank	"	-	-	-	-	7,400	-	-	56	22
Total for Co.		15,864	2,269	1,023	407	19,563	-	5,040	2,850	133
Haddock Mining Co.	"	-	-	-	-	28,689	-	8,075	14,925	238
Salem Hill (B)	"	-	-	-	-	10,454	-	-	99	7
Bank		31,955	5,400	1,576	212	39,143	-	8,075	14,925	95
Total for Co.										
Hollow Coal Co.										
Mine	"	5,260	3,120	1,120	-	9,500(f)	-	3,800	283	9
Indian Run Coal Co.	"	-	-	-	-	-	-	-	-	-
Indian Run (B)	"	8,590	-	7,580	11	16,181	-	3,100	285	32
Jefferson Coal Co.	"	-	-	-	-	-	-	-	-	-
Mine	"	-	986	-	-	986(f)	-	210	68	6
Keller Coal Co.	"	-	-	-	-	-	-	-	-	-
Mine	"	-	2,110	-	-	2,110(f)	-	810	95	7
K. M. F. Coal Service	"	-	9,640	200	-	9,840	-	970	220	11
K. M. F. (B)	"	-	-	-	-	-	-	-	-	-
Linde (C.) & Son	"	4,810	6,110	200	-	11,120(a)	-	3,800	95	10
Stripping	"	-	-	-	-	-	-	-	-	-
Lohb Coal Co.	"	8,700	-	-	-	8,700	-	775	199	55
Pine Ridge (B)	"	-	-	-	-	-	-	4,725	1	1

NINETEENTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Fatal accidents	Non-fatal accidents
		Shipped to market by railroad	Sold to colliery	Used at local trade	Used at steam and heat						
Lykens Coal Co.	Schuyl.	16,720	7,890	704	-	25,314	75	8,500	185	52	1
Skytop (B)	"	-	2,100	-	-	2,100(f)	-	860	97	6	-
Matleska Coal Co.	"	200	-	-	-	200	-	-	5	24	-
Mid-Valley Coal Co.	"	3,910	1,620	710	-	6,240(g)	3,600	-	213	10	-
Marlin (B)	"	62,190	19,620	1,210	-	83,020(h)	31,150	-	263	48	2
Millard Coal Co.	"	394	-	-	-	394	-	-	26	(i)	-
Miller Contracting Co.	"	-	-	-	-	-	-	-	224	319	-
Mine Hill Coal Co.	"	-	-	-	-	-	-	-	82	11	-
Marlin (B) (i)	"	-	-	-	-	-	-	-	-	-	-
Morea-New Boston Breaker Corp.	Schuyl.	-	-	-	-	-	-	-	-	-	-
Morea (B)	"	103,170	35,100	6,235	3,628	148,133	67,800	48,400	330	-	5
Stripping	"	-	-	-	-	-	-	-	-	-	-
Total for Co.	"	-	-	-	-	-	-	-	-	-	-
Mt. Laffee Coal Co.	"	9,600	8,910	2,300	-	20,810(j)	-	17,920	257	19	-
Mine	"	-	4,370	-	-	4,370(c)	-	450	181	10	-
Onyx Coal Co.	"	20,200	-	10,100	400	30,700	-	8,700	266	24	-
Peach Mountain Coal Co.	"	-	-	-	-	-	-	-	-	-	-
Mine	"	-	-	-	-	-	-	-	-	-	-
Penna Coal Co.	"	-	-	-	-	-	-	-	-	-	-
Penna (B)	"	-	-	-	-	-	-	-	-	-	-
Philadelphia & Reading Coal & Iron Co.	"	-	-	-	-	-	-	-	-	-	-
Oak Hill (B)	"	-	-	-	-	-	-	-	-	-	-
Stripping	"	-	-	-	-	-	-	-	-	-	-
Bank	"	-	-	-	-	-	-	-	-	-	-
Total for Co.	"	893,294	159,904	68,530	9,495	1,131,223	3,951,567	74,375	1081	1	13
Repplier Coal Co.	"	-	-	-	-	-	-	-	-	-	-
New Castle	"	-	-	-	-	-	-	-	-	-	-
Stripping	"	-	-	-	-	-	-	-	-	-	-
Bank	"	-	-	-	-	-	-	-	-	-	-
Total for Co.	"	99,250	38,600	12,000	250	150,100(h)	18,650	58,700	296	-	2
Schoener, Carl	"	-	-	-	-	-	-	-	-	-	-
Stripping	"	-	-	-	-	-	-	-	-	-	-
Bank	"	-	-	-	-	-	-	-	-	-	-
Total for Co.	"	14,820	-	-	-	14,820(b)	960	-	146	15	-

NINE-LEIGH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Fatal accidents	Non-fatal accidents	
		Shipped to market:	Sold to colliery	Used at local for steam and heat							
		By railroad	By truck	By trade							
Sheva Coal Co.	Schuyler	-	2,440	-	2,440(c)	-	-	820	155	7	-
S. & J. Coal Co.	"	-	12,170	-	12,170(g)	-	-	3,120	257	20	-
Spaniard, Lewis	"	-	15,187	-	15,187(l)	-	2,100	-	94	22	-
Stripping	"	-	-	-	-	-	-	-	-	-	-
St. Clair Coal Co.	"	-	-	-	232,583	-	10,950	152,000	288	734	1
St. Clair (B)	"	-	-	-	202,412	-	902,778	-	288	116	5
Stripping	"	-	-	-	334,209	-	-	-	-	-	1
Bark	"	-	-	-	-	-	-	-	-	-	-
Total for Co.		614,779	124,552	24,580	5,293	-	913,728	152,000	850	1	6
Susan Coal Co.	"	-	7,770	-	7,770(a)	-	-	4,800	273	8	-
Mine		-	-	-	-	-	-	-	-	-	-
Total for district		2,034,246	602,776	155,190	20,201	2,812,413	-	5,481,026	422,775	3409	3
(B) Breaker											
(a) Coal prepared at Eagle Hill breaker											
(b) " " Salem Hill											
(c) " " Indian Run											
(d) Preparation only											
(e) Ceased operation in April											
(f) Coal prepared at Colitz											

(g) Coal prepared at Penna breaker

(h) " " Eagle Hill and Morea breakers

(i) Operated part of year by Mid-Valley Coal Co., both companies with same number of employees

(j) Coal prepared at Morea breaker

(k) 74,352 tons prepared at Westwood breaker, 25th district, 705,308 tons at Oak Hill breaker and 76,880 tons at St. Nicholas (20th)

(l) Coal prepared at Eagle Hill and Salem Hill breakers

TWENTIETH DISTRICT

J. H. Morgan, Inspector
328 Washington St.
Frackville, Penna.

Alpecc Coal Co. *	Schuy'l.	708	163	170	6,596(a)	-	2,240	4,480	33	129	-
Park #1	"	6,394	1,541	697	52,088(a)	-	22,400	-	168	47	-
" Stripping											
Total for Co.		56,011	71,02	867	65,684	-	24,640	4,480		176	-
Atkins Coal Co.											
Breaker (B)	"	58,412	16,566	-	76,224	-	-	-	279	16	-

TWENTIETH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal accidents
		Shipped to market:	Sold to colliery	Used at local for steam							
:	:	By truck	By rail	By road	:	:	:	:	:	:	:
Biros (John) Coal Co.	Schuyl.	2,461	3,691	-	6,152(b)	375	3,510	259	10	-	-
Blaschack (John) Coal Co.	"	4,805	1,193	-	5,998(c)	8,000	525	237	10	-	-
Boner & Webb Coal Co.	"	1,936	2,904	-	4,840(r)	700	350	275	7	-	-
Delano Anth. Collieries Co.	"	-	-	-	-	-	-	19	8	-	-
Park #1 Cleaner Plant	"	-	-	-	-	-	-	29	89	-	-
Park Breaker (B)	"	-	-	-	-	-	-	13	124	-	-
Park #1	"	5,293	-	104	5,397	-	2,900	13	68	-	-
Park Stripping	"	7,177	-	120	7,297	31,100	-	13	64	-	-
Park Bank	"	15,643	-	240	15,883	-	-	29	44	-	-
Total for Co.		28,113	-	464	28,577(d)	31,100	2,900	333	-	-	-
Gasparini Coal Mng. Co.	"	59,242	-	-	59,242(e)	92,500	-	221	50	-	-
Boston Run Stripping	"	-	-	-	-	-	-	262	16	-	-
Gilberton Coal Co.	"	56,248	14,610	2,192	73,050(c)	-	-	94	14	-	-
Bear Run Bank	"	15,400	4,000	600	20,000(c)	-	-	-	-	-	-
Shenandoah Bank	"	71,648	18,610	2,792	93,050	-	-	-	30	-	-
Total for Co.		71,648	18,610	2,792	93,050	-	-	-	-	-	-
Jones Coal Corp.	"	74,162	-	-	74,162(f)	55,548	-	281	48	-	-
Buck Mountain Stripping	"	14,460	-	-	14,460(g)	-	-	67	23	-	-
Buck Mountain Bank	"	-	-	-	-	-	-	224	3	-	-
Cleaner Plant	"	-	-	-	-	-	-	-	-	-	-
Total for Co.		88,622	-	-	88,622	55,548	-	-	74	-	-
Jones (John) Coal Co.	"	747	1,121	-	1,868(b)	-	2,010	144	6	-	-
Kluchinsky Bros. C. Co.	"	3,600	5,400	-	9,000(b)	-	7,500	292	9	-	-
Locust Valley Coal Co.	"	36,441	5,020	50	41,511	-	-	160	25	-	-
Bank (B)	"	-	-	-	-	-	-	-	-	-	-
Mazur (John) Coal Co.	"	-	746	-	746(h)	250	800	71	7	-	-
Mine	"	-	-	-	-	-	-	-	-	-	-
M. & K. Coal Co.	"	4,059	-	-	4,059(i)	475	2,040	218	5	-	-
Mine	"	-	-	-	-	-	-	-	-	-	-
Mountainside Mining Co.	"	14,933	-	-	14,933(j)	5,000	3,250	211	25	-	3
Mine	"	-	-	-	-	-	-	-	-	-	-
Peca Coal Co.	"	69,658	8,881	2,049	81,865(k)	6,000	36,000	249	122	-	-
Primrose	"	-	-	-	-	-	-	-	-	-	-

TWENTIETH DISTRICT (CONTINUED)

Production - net tons						Pounds permissible explosives used	Fatal accidents dis-ability 60 days or more
	Shipped to market:	By :	Sold to colliery :	Used at steam and heat :	Total production :	Pounds black powder used :	Fatal accidents dis-ability 60 days or more
County	railroad	truck	trade				
Operators & collieries							
Philadelphia & Reading Coal & Iron Co.							
Bear Run Stripping	9,880	677	1,325	-	11,882	65,875	-
Knickerbocker Mine	278,339	19,080	37,324	22,076	356,819	379,200	12
" Stripping "	222,224	14,620	28,598	-	265,442	548,750	1
Mahanoy City	207,500	14,225	27,823	15,062	264,610	98,675	2
" Bank "	45,256	3,102	6,069	-	54,427	-	-
Maple Hill	487,695	33,432	65,397	47,592	634,116	257,525	31
N. Mahanoy #22 Bank	44,019	2,812	5,500	-	49,331	-	-
" #78 "	3,381	232	453	-	4,066	-	-
Shenandoah Stripping	231,630	15,878	31,061	-	278,569	2,851,660	5
St. Nicholas Bank	170,872	11,713	22,913	-	205,498	-	3
St. Nicholas Breaker	-	-	-	-	-	-	-
Tunnel Ridge Bank	-	-	-	-	(1)	-	-
Independent Mng. Contract	279	19	38	-	336	125	9
Total for Co.	1,698,075	115,790	226,501	84,730	2,125,096(m)	4,201,810	3371
Phoenix Contracting Co.	417,462	-	-	-	417,462(n)	-	4
Knickerbocker Bank	137,810	-	-	-	137,810(n)	-	-
Tunnel Ridge Bank	555,272	-	-	-	555,272	-	-
Total for Co.	96,226	10,827	4,942	2,750	114,745(o)	-	44
Rhoads Contracting Co.	2,850,261	197,851	239,234	90,138	3,377,484	305,169	35
Delano & Coplay Strips.	-	-	-	-	-	-	-
Total for district	2,850,261	197,851	239,234	90,138	3,377,484	4,426,398	4355
(B) Breaker							
* Operated by Delano Anth. Colls. Co. in January and by Alpec in Nov. & Dec.							
(a) 64,295 tons prepared at Spring Mountain breaker (16th) and 1,389 tons at Hazleton Shaft breaker, 18th district							(18th) and 7,565 tons
(b) Coal prepared at Lykens breaker, 19th district							at Lattimer breaker, (15th)
(c) " " Gilberton " 22nd							(k) Coal prepared at Spring Mountain breaker (16th)
(d) " " Park							(l) Coal credited to Phoenix Contracting Co.
(e) 13,679 tons prepared at Weston breaker (22nd), 25,403 tons at Gilberton (22nd), 13,561 tons at St. Nicholas (20th) and 6,599 tons at Packer #5 (22nd)							(m) 8,957 tons Knickerbocker stripping coal prepared at Oakland (22nd) all other P. & R. coal at St. Nicholas Central breaker
(f) 23,343 tons prepared at Raven Hill (22nd) and 50,819 tons at Otto (21)							(n) 450,840 tons prepared at Oakland (22nd) 102,684 at Gilberton (22nd) and 1,708 at St. Nicholas (20th)
(g) 11,699 tons prepared at Raven Hill and 2,761 tons at Packer #5							(o) 51,800 tons prep. at Haz. Shaft (18th) 62,945 tons at Spring Mountain (16th)

TWENTY-FIRST DISTRICT

H. Hilbert, Inspector 1919 W. Market St. Pottsville, Pa.	Operators & collieries	County	Production - net tons			Total production	Pounds dynamite used	Pounds permis- sible ex- ploives used	Days worked	Empl- oyes	Fatal acci- dents	Non-fatal accidents dis- ability 60 days or more
			Shipped to By	By truck	Sold to colliery for steam and heat							
Alarton, Frank	Mine	Schuyl.	9,268	973	163	76	10,480(a)	200	15,200	203	12	-
Blackwood Coal Co.	Blackwood (B)	"	1,549	11,089	-	141	12,779	-	-	192	44	-
Stripping		"	23,541	99,164	-	1,000	123,705	13,000	-	210	35	-
Bank		"	9,879	39,017	-	500	49,396	-	-	192	27	-
Total for Co.			34,969	149,270	-	1,641	185,880	13,000	-	106	-	-
Borelli Coal Co.	Mine	"	-	8,160	-	-	8,160(b)	25	4,250	213	12	-
Bosack Coal Co.	Mine	"	9,650	7,207	-	-	16,857(c)	14,600	6,575	207	21	1
Branch Coal Co.	Mine	"	3,500	2,451	-	-	5,951(d)	5,100	3,800	243	20	-
Branchdale Coal Co.	Otto (B)	"	54,128	9,853	167	419	64,567	49,100	7,125	224	199	4
Stripping		"	4,620	805	15	46	5,486	-	-	59	20	-
Bank		"	70,483	12,314	251	615	83,663	-	-	224	32	-
Total for Co.			129,231	22,972	433	1,080	153,716	49,100	7,125	251	-	4
Buck Run Colliery Co.	Buck Run (B)	"	130,829	10,762	4,044	4,047	149,682	84,650	27,525	210	395	5
Stripping		"	202,873	16,689	6,272	5,271	231,105	-	-	210	58	-
Bank		"	21,353	1,756	660	653	24,422	-	-	210	10	-
Total for Co.			355,055	29,207	10,976	9,971	405,209	84,650	27,525	463	-	5
B. & W. Coal Co.	B. & W. (B)	"	-	14,974	- 97	-	15,071	675	2,700	264	13	-
Cano Coal Co.	Mine	"	-	9,028	-	-	9,028(e)	550	3,390	238	10	-
Carroll, Steve	Mine	"	-	2,136	-	-	2,136(e)	-	2,500	200	6	-
Dando, J. P.	Stripping	"	20,607	8,585	701	-	29,893(d)	2,500	-	206	20	1
Dantas, Alfred	Mine	"	3,050	805	-	-	3,855(c)	600	10,000	270	10	-
Dattilio, Camillo	Mine	"	6,482	533	200	190	7,405(f)	850	9,600	252	14	-
D. & B. Coal Co.	D. & B. (B)	"	5,041	1,105	291	-	6,437	-	-	241	23	-
Stripping		"	27,442	11,426	933	-	39,801	12,000	-	240	28	-
Bank		"	2,199	915	75	-	3,189	-	-	65	10	-

TWENTY-FIRST DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Empl-oyes	Fatal accidents	Non-fatal accidents
		Shipped to market:	Sold to:	Used at:							
		By railroad	By truck	By local trade	By colliery for steam and heat						
Total for D. & B. Co.		34,682	13,446	1,299	-	49,427	12,000	-	61	-	-
Declerico, Angelo Mine	Schuyler	2,000	125	-	-	2,125(c)	-	2,300	86	-	-
Dowdowntown Coal Co. Breaker (B)	"	-	35,269	2,000	-	37,269(g)	-	-	277	13	-
Ebert, George Mine	"	-	7,030	103	-	7,133(e)	-	8,025	253	13	-
Falls Coal Co. Mine	"	-	4,290	302	-	4,592(h)	-	2,550	272	11	-
Farley-Layhack Mine	"	9,250	7,106	-	-	16,356(i)	150	6,000	257	25	-
Hoy, Richard Mine	"	-	2,340	-	-	2,340(c)	-	2,200	228	5	-
Indian Head Coal Co. Indian Head (B)	"	145,915	22,785	3,250	859	172,809	40,300	126,650	246	305	8
Stripping	"	167,813	34,220	7,250	1,160	210,443	774,002	10,000	246	102	-
Total for Co.		313,728	57,005	10,500	2,019	383,252	814,302	136,650	407	-	8
Live Oak Coal Co. Breaker (B)	"	21,536	19,450	4,308	-	45,294(g)	-	-	257	13	2
Macario, John Mine	"	8,151	248	195	26	8,620(j)	150	3,425	227	11	-
Mine Hill Coal Co. Mine	"	-	9,375	-	-	9,375(e)	12,500	12,000	225	16	-
Morgan, Irving Stripping	"	21,746	2,858	176	9	24,789(k)	14,500	-	200	20	-
M. & S. Coal Co. Mine	"	207,597	-	-	600	208,197(l)	50,850	42,000	264	251	9
M. V. M. Coal Co. Mine	"	2,210	2,110	-	-	4,320(b)	-	1,200	187	8	-
Necho Coal Co. (B)	"	54,341	3,606	500	200	58,647	112,000	5,825	203	177	2
Correale Stripping	"	98,961	5,994	1,000	450	106,405	147,300	-	203	114	-
Total for Co.		153,302	9,600	1,500	650	165,052	259,300	5,825	291	-	2
Penag Coal Co. (B)	"	8,220	7,198	-	-	15,418	100	4,800	246	32	-
Phoenix Coal Co. (B)	"	193,498	5,885	4,637	603	204,623	5,150	87,500	235	339	3
Stripping	"	16,426	499	394	52	17,371	2,500	-	85	25	-

TWENTY-FIRST DISTRICT (CONTINUED)

TWENTY-FIRST DISTRICT (CONTINUED)														Non-fatal accidents dis-ability 60 days or more
		Production - net tons			Pounds of black powder used		Pounds of dynamite used		Pounds of permissible explosives used		Days worked	Empl- oyes	Fatal acci- dents	
:	:	Shipped to market:	By :	Sold	Used at	Total	:	:	:	:				:
:	:	By :	By :	to local	colliery	production :	:	:	:	:	:	:	:	
:	:	By :	By :	trade and	and heat	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:	:	:	:	:	:	
:	:	By :	By :	heat	and steam	:	:	:</						

(B) Breaker

TWENTY-FIRST DISTRICT (CONTINUED)

	Production - net tons				Pounds permiss-ible ex-plosives used	Pounds dynamite used	Days worked	Fatal acci-dents	Non-fatal dis-ability 60 days or more
	: Shipped to market :	: Sold to colliery :	: Used at local :	: Used for steam and heat :					
Operators & collieries	County :	railroad truck :	trade :	production :	used	used			
(a)	Coal prepared at Corrale breaker			(j)	Coal prepared at Phoenix breaker				
(b)	" " " Various breakers			(k)	" " Salem Hill breaker, 19th district				
(c)	" " " Indian Head breaker			(l)	" " Schrader				
(d)	" " " D. & B.			(m)	" " Franklin Miller breaker, 25th "				
(e)	" " " Indian Run			(n)	" " Westwood				
(f)	" " " Buck Run			(o)	" " Pine Ridge				
(g)	Prepared coal from small mines, all deep mined			(p)	" " Dowdowntown				
(h)	Coal prepared at Stein breaker								
(i)	" " " Live Oak breaker								

TWENTY-SECOND DISTRICT

R. O. Schneider, Inspector
216 N. Ninth St., Ashland, Pa.

Company	Schuyler	1,829	-	-	-	1,829(a)	-	-	1,250	185	5	-
Barzak Coal Co.	Mine	1,829	-	-	-	1,829(a)	-	-	1,250	185	5	-
Bazley, J. R., Inc.	Stripping	36,036	-	-	-	36,036(b)	-	108,200	-	136	23	-
Bender Coal Co.	Mine	2,337	-	-	-	2,337(a)	-	-	1,550	180	7	-
Bernosky Coal Co.	Mine	3,118	-	-	-	3,118(a)	-	-	2,150	202	5	-
Bodgen Coal Co.	Mine	319	-	-	-	319(a)	-	-	200	202	5	-
Casper Coal Co.	Mine	1,060	-	-	-	1,060(a)	-	-	725	202	5	-
Drift Contractor Co.	Mine	13,672	-	-	-	13,672(c)	-	2,000	7,110	241	15	-
Dyszel Coal Co.	Mine	15,550	-	-	-	15,550(a)	-	1,000	9,375	199	9	-
Engle Coal Co.	Mine	2,515	-	-	-	2,515(a)	-	-	1,650	207	6	-
Fisher Coal Co.	Fisher Washery (B)	14,261	-	-	-	14,261	-	-	-	305	3	-
B. Frank Fisher Washery		48,312	-	-	-	48,312	-	-	-	356	9	-
Total for Co.		62,573	-	-	-	62,573	-	-	-	-	12	-

TWENTY-SECOND DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Empl- oyes	Fatal acci- dents	Non-fatal accidents
		Shipped to market:	By :	Used at :							
		By railroad	truck	Sold to colliery local for steam and heat							
Gaids, J., Co.	Schuytl.	2,950	-	-	2,950(d)	-	-	2	9	-	-
Gulm Bank	"	107,322	34,100	6,160	148,782	62,500	-	273	90	-	-
Gilberton Coal Co. (B)	"	136,436	40,025	6,003	182,464	-	-	273	66	-	-
Stripping Bank	"	243,758	74,125	12,163	331,246	62,500	-	-	156	-	-
Total for Co.											
Girardville Excavating Co.	"	28,676	-	-	28,676(e)	1,477	-	141	23	-	-
Stripping	"	192,522	54,355	14,864	284,776	130,085	42,075	242	668	-	10
Hammond Coal Co. (B)	"	101,915	-	-	101,915	175,450	50	242	63	1	-
Hammond	"	62,457	-	-	62,457	-	-	242	24	-	-
Stripping Bank	"	356,894	54,355	14,864	449,148	305,535	42,125	-	755	1	10
Total for Co.											
Hazle Brook Coal Co.	Columbia	233,164	53,094	43,444	332,528(f)	282,550	94,450	263	585	-	4
Continental Mine	"	33,632	-	-	33,632(f)	-	-	183	46	-	-
Stripping	"	-	-	-	-	-	-	272	110	-	3
Midvalley Breaker (B)	"	2,261	-	-	2,280(f)	-	-	19	16	-	-
Stripping	"	269,037	53,094	43,444	368,671	282,550	94,450	-	757	-	7
Total for Co.											
Hillside Coal Co.	Schuytl.	2,187	-	-	2,187(g)	950	-	66	15	-	-
Mine	"	17,489	-	-	17,489	-	-	272	7	-	-
Jonathan Coal Co.	"	2,467	-	-	2,467(a)	-	1,650	213	5	-	-
Barry Washery (B)	"	1,501	-	-	1,501(a)	-	1,000	89	6	-	-
Kavalich Coal Co.	"	22,224	-	150	22,374(a)	2,300	23,600	220	36	-	1
Mine	"	2,596	-	-	2,596	225	-	16	22	-	-
Kendricks Coal Co.	"	-	-	-	-	-	-	250	60	-	-
Klimas Coal Co.	"	119,941	507	444	120,892	-	-	250	14	-	-
Kohinoor Coal Co.	"	122,537	507	444	123,488	225	-	-	96	-	-
Kohinoor Stripping Breaker (B)	"	1,694	-	-	1,694(a)	-	1,025	212	5	-	-
Bank	"										
Total for Co.											
Kozar Coal Co.											
Mine	"										

TWENTY-THIRD DISTRICT

J. P. Brophy, Inspector
422 W. Third St.
Mt. Carmel, Pa.

Operators & collieries	County	Production - net tons			Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal accidents dis-ability 60 days or more
		Shipped to market:	Used at colliery	Used at local for steam and heat							
		By railroad	By truck	By trade							
Andreatti - Skroza Mine	Northumbd.	-	2,742	-	2,742(a)	-	375	245	5	-	-
Atlas Coal Co. Breaker (B)	"	-	4,820	-	4,820	-	-	240	5	-	-
Bazley, J. Robert Stripping	Columbia	90,120	-	-	90,120(b)	-	38,464	198	74	-	-
Brass Coal Co. Mine	Northumbd.	-	4,000	-	4,000(c)	-	2,700	180	8	-	-
Centralia Mng. Co. Centralia (B)	Columbia	59,860	5,017	308	65,185	-	56,500	230	137	-	2
Stripping Bank	"	87,999	3,585	172	91,756	-	243,140	194	41	-	-
	"	35,872	2,095	120	38,087	-	-	194	11	-	-
Total for Co.		183,731	10,697	600	195,028(d)	-	299,640	12,800	189	-	2
Chapman & Reilly Mine	"	4,680	-	-	4,680(a)	-	870	169	7	-	-
C. Q. & W. Coal Enterprise Mine	"	20,013	-	-	20,013(e)	-	-	9,800	220	19	1
Cullen Contracting Co. Sayre Bank	Northumbd.	-	171,831	-	171,831(f)	-	-	365	7	-	-
Dragondale Corp. Stripping	"	26,795	-	-	26,795(a)	-	4,740	199	27	-	-
Exchange Coal Co. Breaker (B)	"	6,000	-	300	6,300	-	-	228	8	-	-
Garcia & Co. Mine	"	3,412	-	-	3,412(a)	-	4,500	270	6	-	-
Greco Coal Co. Breaker (B)	"	-	9,000	-	9,000	-	-	260	5	-	-
Martinez & Broderick Stripping	Columbia	78,078	-	-	78,078(g)	-	33,450	281	88	-	-
Merry Coal Mining Co. Mine	"	48,630	-	-	48,630(g)	-	40,000	280	63	-	-
Moleski & Elgin Mine	Northumbd.	1,651	-	-	1,651(a)	-	-	725	7	-	-
Oribe & Garcia Mine	Columbia	13,283	-	-	13,283(e)	-	-	15,000	19	-	-
Pizzoli, August Mine	Northumbd.	960	-	-	960(a)	-	500	92	5	-	-

TWENTY-THIRD DISTRICT (CONTINUED)

[illegible]

(e) Coal prepared at Millersville breaker, 22nd district
(f) Coal sold unprepared
(g) Coal prepared at Natalie (24th) and Millersville (22nd)
(h) " " Locust Summit breaker

(B)	Breaker	
(a)	Coal prepared at Natalie breaker, 24th district	
(b)	" " " " " " " "	
(c)	" " " " " " " "	
(d)	" " " " " " " "	
(e)	" " " " " " " "	
(f)	" " " " " " " "	
(g)	" " " " " " " "	
(h)	" " " " " " " "	
(i)	" " " " " " " "	
(j)	" " " " " " " "	
(k)	" " " " " " " "	
(l)	" " " " " " " "	
(m)	" " " " " " " "	
(n)	" " " " " " " "	
(o)	" " " " " " " "	
(p)	" " " " " " " "	
(q)	" " " " " " " "	
(r)	" " " " " " " "	
(s)	" " " " " " " "	
(t)	" " " " " " " "	
(u)	" " " " " " " "	
(v)	" " " " " " " "	
(w)	" " " " " " " "	
(x)	" " " " " " " "	
(y)	" " " " " " " "	
(z)	" " " " " " " "	
(aa)	" " " " " " " "	
(ab)	" " " " " " " "	
(ac)	" " " " " " " "	
(ad)	" " " " " " " "	
(ae)	" " " " " " " "	
(af)	" " " " " " " "	
(ag)	" " " " " " " "	
(ah)	" " " " " " " "	
(ai)	" " " " " " " "	
(aj)	" " " " " " " "	
(ak)	" " " " " " " "	
(al)	" " " " " " " "	
(am)	" " " " " " " "	
(an)	" " " " " " " "	
(ao)	" " " " " " " "	
(ap)	" " " " " " " "	
(aq)	" " " " " " " "	
(ar)	" " " " " " " "	
(as)	" " " " " " " "	
(at)	" " " " " " " "	
(au)	" " " " " " " "	
(av)	" " " " " " " "	
(aw)	" " " " " " " "	
(ax)	" " " " " " " "	
(ay)	" " " " " " " "	
(az)	" " " " " " " "	
(ba)	" " " " " " " "	
(bb)	" " " " " " " "	
(bc)	" " " " " " " "	
(bd)	" " " " " " " "	
(be)	" " " " " " " "	
(bf)	" " " " " " " "	
(bg)	" " " " " " " "	
(bh)	" " " " " " " "	
(bi)	" " " " " " " "	
(bj)	" " " " " " " "	
(bk)	" " " " " " " "	
(bl)	" " " " " " " "	
(bm)	" " " " " " " "	
(bn)	" " " " " " " "	
(bo)	" " " " " " " "	
(bp)	" " " " " " " "	
(bq)	" " " " " " " "	
(br)	" " " " " " " "	
(bs)	" " " " " " " "	
(bt)	" " " " " " " "	
(bu)	" " " " " " " "	
(bv)	" " " " " " " "	
(bw)	" " " " " " " "	
(bx)	" " " " " " " "	
(by)	" " " " " " " "	
(bz)	" " " " " " " "	
(ca)	" " " " " " " "	
(cb)	" " " " " " " "	
(cc)	" " " " " " " "	
(cd)	" " " " " " " "	
(ce)	" " " " " " " "	
(cf)	" " " " " " " "	
(cg)	" " " " " " " "	
(ch)	" " " " " " " "	
(ci)	" " " " " " " "	
(cj)	" " " " " " " "	
(ck)	" " " " " " " "	
(cl)	" " " " " " " "	
(cm)	" " " " " " " "	
(cn)	" " " " " " " "	
(co)	" " " " " " " "	
(cp)	" " " " " " " "	
(cq)	" " " " " " " "	
(cr)	" " " " " " " "	
(cs)	" " " " " " " "	
(ct)	" " " " " " " "	
(cu)	" " " " " " " "	
(cv)	" " " " " " " "	
(cw)	" " " " " " " "	
(cx)	" " " " " " " "	
(cy)	" " " " " " " "	
(cz)	" " " " " " " "	
(da)	" " " " " " " "	
(db)	" " " " " " " "	
(dc)	" " " " " " " "	
(dd)	" " " " " " " "	
(de)	" " " " " " " "	
(df)	" " " " " " " "	
(dg)	" " " " " " " "	
(dh)	" " " " " " " "	
(di)	" " " " " " " "	
(dj)	" " " " " " " "	
(dk)	" " " " " " " "	
(dl)	" " " " " " " "	
(dm)	" " " " " " " "	
(dn)	" " " " " " " "	
(do)	" " " " " " " "	
(dp)	" " " " " " " "	
(dq)	" " " " " " " "	
(dr)	" " " " " " " "	
(ds)	" " " " " " " "	
(dt)	" " " " " " " "	
(du)	" " " " " " " "	
(dv)	" " " " " " " "	
(dw)	" " " " " " " "	
(dx)	" " " " " " " "	
(dy)	" " " " " " " "	
(dz)	" " " " " " " "	
(ea)	" " " " " "	

TWENTY-FOURTH DISTRICT

J. R. Ruane, Inspector 922 Washington St. Shamokin, Pa.	Operators & collieries	County	Production - net tons				Total production	Pounds black powder used	Pounds dynamite used	Pounds permissible explosives used	Days worked	Empl- oyes	Fatal acci- dents	Non-fatal accidents
			Shipped to market: By	Sold to	Used at colliery for steam and heat	By truck								
			By railroad	to trade										
	B. & B. Coal Co.	North'd.	-	-	-	3,790	3,790(a)	-	350	2,200	204	5	-	-
	Black Bear	"	-	-	-	18,237	18,237(b)	-	1,300	8,000	292	24	-	-
	Boslego Coal Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Mine													
	Dancott Coal Co.	"	13,795	645	300	4,622	19,362	-	500	4,680	279	31	-	-
	Dark Corners Coal Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Breaker (B) (c)	"	5,908	4,972	-	472	11,352	-	-	-	270	5	-	-
	Diminick Coal Sales	"	-	-	-	-	-	-	-	-	-	-	-	-
	Breaker (B) (c)	"	9,597	13,500	-	200	23,297	-	-	-	299	5	-	-
	D. & Z. Coal Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Breaker (B) (c)	"	8,906	36,059	-	640	45,605	-	-	-	271	6	-	-
	Poieri & Louis	"	-	-	-	-	-	-	-	-	-	-	-	-
	Breaker (B) (c)	"	19,429	-	-	-	19,429	-	-	-	306	9	-	-
	Hoover Coal Mng. Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Washery (B)	"	22,840	-	-	-	22,840	-	-	-	312	6	-	-
	Johnson Coal Sales Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Breaker (B) (c)	"	13,554	4,066	-	261	17,881	-	-	-	191	9	-	-
	Jonathan Coal Mng. Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Washery (B) (c)	"	201,689	-	-	-	201,689	-	-	-	306	40	-	-
	K. & D. Coal Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Breaker (B) (c)	"	11,298	7,160	-	-	18,458	-	-	-	290	6	-	-
	Latsha Coal Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Mine													
	Level Coal Co.	"	-	-	-	5,108	5,108(d)	-	-	2,750	246	8	-	-
	Mine	"	44,570	-	-	-	-	-	4,350	14,075	292	33	-	-
	Little Chief Coal Co.	"	-	-	-	-	-	-	200	1,200	150	10	-	-
	Mine	"	-	-	-	-	-	-	-	-	-	-	-	-
	Lower Region Coal Co.	"	16,107	-	600	-	18,707	-	-	-	183	23	-	-
	Breaker (B) (c)	"	-	2,000	-	-	-	-	-	-	-	-	-	-
	Lucas Coal Co.	"	-	-	-	-	-	-	-	5,725	253	13	-	-
	Mine	"	18,921	-	-	-	18,921(g)	-	-	-	-	-	-	-
	Maurer Coal Sales Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Breaker (B) (c)	"	20,585	1,000	-	-	29,585	-	-	-	182	11	-	-
	Mutual Coal Sales Co.	"	-	-	-	-	-	-	-	-	-	-	-	-
	Mutual (B)	"	-	9,995	-	-	9,995	-	-	4,000	283	17	-	-

TWENTY-FOURTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Total production	Pounds of black powder used	Pounds of dynamite used	Pounds of explosives used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal accidents
		Shipped to market by rail	Shipped to market by truck	Sold to colliery	Used at local for steam and heat								
Natalie Coal Corp.	(B)(c)Northd.	-	-	-	-	20,097	-	-	-	193	50	1	-
Brennan Mine	"	-	-	-	-	2,304	-	-	10,200	216	20	-	-
Haulon, Bridy Bank	"	-	-	-	-	8,379	-	3,000	-	81	10	-	-
United Contr. Strip.	"	-	-	-	-	1,131	-	1,000	-	4	10	-	-
Lower Region Strip.	"	-	-	-	-	101,967	-	-	-	193	*	-	-
Independents (mine)	"	-	-	-	-	-	-	-	-	-	-	-	-
Total for Co.		106,050	23,153	1,035	3,640	133,878	-	4,000	10,200	-	96	1	-
Oak Coal Yard		-	22,500	-	-	22,500	-	-	-	295	8	-	-
Breaker (B) (c)		-	-	-	-	-	-	-	-	-	-	-	-
Philadelphia & Reading Coal & Iron Co.		-	-	-	-	-	-	-	-	-	-	-	-
Burnside Strip. S-10	"	30,558	-	-	-	30,558(e)	-	94,950	-	131	40	-	-
Bear Valley " S-3	"	128,624	-	-	-	128,624(e)	-	1,257,144	-	217	45	-	-
Bear Valley " S-3A	"	58,586	-	-	-	58,586(e)	-	1,257,146	-	231	91	-	-
Hepburn " S-8	"	120,900	-	-	-	120,900(e)	-	628,573	-	264	57	-	-
Enterprise Pump. Sta.	"	-	-	-	-	-	-	-	-	292	3	-	-
North Franklin Bank	"	396,980	-	-	-	396,980(h)	-	-	-	115	90	-	-
Henry Clay Bank	"	71,184	-	-	-	71,184(h)	-	-	-	44	84	-	-
Total for Co.		806,832	-	-	-	806,832	-	3,237,813	-	-	410	-	-
Quality Coal Sales		-	8,000	-	-	8,000	-	-	-	230	5	-	-
Breaker (B) (c)		-	-	-	-	-	-	-	-	-	-	-	-
Reidinger Coal Service	"	1,000	2,000	1,276	-	4,276	-	-	-	269	5	-	-
Breaker (B) (c)		-	-	-	-	-	-	-	-	-	-	-	-
Rosini Coal Co.	"	60,999	1,445	640	25	63,109	-	-	-	244	15	-	-
Breaker (B) (c)		-	-	-	-	-	-	-	-	-	-	-	-
Sharp Coal Sales Co.	"	627	8,238	50	-	8,915	-	-	-	292	5	-	-
Breaker (B) (c)		-	-	-	-	-	-	-	-	-	-	-	-
Stanley Coal Co.	"	20,589	6,137	-	-	26,726	-	-	-	256	11	-	-
Breaker (B) (c)		-	-	-	-	-	-	-	-	-	-	-	-
Steam Coals, Inc. (c)	"	-	6,759	1,280	-	8,039	-	-	-	211	56	-	-
Breaker (B) (c)		-	-	-	-	23,254	-	4,122	6,183	206	45	-	-
North Lane Drift	"	-	-	-	-	55,904	-	65,000	-	186	30	-	-
Shamokin Excavrs.Strip.	"	-	-	-	-	40,094	-	25,000	-	186	25	-	-
Hickory Contr. Strip.	"	-	-	-	-	6,551	-	-	-	211	*	-	-
Independents	"	-	22,842	-	-	22,842	-	-	-	90	10	-	-
Burnside Bank	"	-	-	-	-	-	-	-	-	-	-	-	-
Total for Co.		125,803	29,601	1,280	-	156,684	-	94,122	6,183	-	166	-	-

TWENTY-FOURTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total production	Pounds		Days worked	Fatal accidents	Non-fatal accidents
		Shipped to market	Sold to colliery	Used at local for steam		dynamite used	permissible explosives used			
		By truck	By rail	By road						
Susquehanna (continued)	Northd.	22,155	-	-	22,155	-	10,900	268	10	-
Luke Fidler Strip.	"	8,682	-	-	8,682	-	-	26	11	-
Folier	"	660,043	214,539	104,926	3,583	983,091	184,680	397,660	1334	32
Total for Co.										
Swank Coal Sales	"	12,696	-	-	12,696	-	-	281	4	-
Washery (B) (c)	"	-	-	-	-	-	-	-	-	-
Swift Coal Co.	"	-	-	-	-	-	-	-	-	-
Breaker (B) (c)	"	-	14,768	-	14,768	-	-	300	5	-
Zerbe Valley Coal Co.	"	-	-	-	-	-	-	-	-	-
Breaker (B) (c)	"	-	8,980	-	8,980	-	-	240	4	-
Total for district		3,519,004	542,432	170,779	9,418	4,241,633	5,581,128	525,148	3098	6

(B) Breaker

* Not given

Two mine and one stripping fatalities

(a) Coal prepared at Boback breaker (24th)

(b) " " Rosini

(c) Preparation only

(d) Coal prepared at Maurer breaker
(e) " " Locust Summit breaker, (23rd)
(f) " " Johnson
(g) " " Glen Burn
(h) Coal shipped direct to Europe

TWENTY-FIFTH DISTRICT

G. E. Smith, Inspector
760 Main St., Lykens, Pa.

Calnon & Stakam	Dauphin	1,020	-	3,495	4,515	-	1,300	230	15	-
C. & S. (B)										
Dancott Coal Co.	Schuyl.	-	1,095	-	1,095(a)	-	225	122	11	-
Mine										
Deaven, David	"	-	-	-	-	-	-	251	10	-
Oakwood (B)	"	-	-	-	-	-	-	-	-	-
D. & K. Coal Co.	"	-	-	-	-	-	-	85	5	-
Breaker (B)	"	-	-	-	-	-	-	-	-	-
Etzweiler, Harry	"	-	5,367	-	5,367(b)	-	3,000	10,800	193	18
Mine										

TWENTY-FIFTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons			Total production	Pounds dynamite used	Pounds permissible explosives used	Days worked	Empl- oyes	Fatal acci- dents	Non-fatal accidents dis- ability 60 days or more
		Shipped to market:	Sold to	Used at							
		By railroad	By truck	By local for steam and heat							
Markson C. Co., Contd.											
C. Linde & Son Strip.	Schwyl.				116(i)	-	-	90	3	-	-
McCarrick Bros. "	"				8,946(i)	-	-	285	31	-	-
New Franklin "	"				2,410(i)	400	-	50	5	-	-
Alonzo Sanchez "	"				20,825(i)	-	-	274	6	-	-
Yacchino Bros. "	"				750(i)	-	-	100	3	-	-
Miscellaneous "	"				1,340(i)	-	-	#	#	-	-
" Small Mines	"				**	-	-	#	#	-	-
Lincoln Bank	"				10,528(i)	-	-	#	#	-	-
Shutt-Hornberger Mine	"				5,012(i)	-	-	114	7	-	-
Total for Co.		108,705	150,577	6,472	150	265,904	-	38,100	90,975	414	8
Miller, Franklin Breaker (B)	"	-	-	-	*	-	-	230	16	-	-
Otto, C. M. & Son Remble (B)	"	-	26,178	2,062	880	29,120	-	219	45	-	3
Bank	"	-	30,205	-	-	30,205	-	219	14	-	-
Total for Co.		-	56,383	2,062	880	59,325	-	4,100	17,000	59	3
Otto Miners											
Mine	"	-	5,588	-	-	5,588(e)	-	6,250	288	7	1
Pine Creek Coal Co. Breaker (B)	"	-	-	-	-	*	-	283	12	-	-
Philadelphia & Reading Coal & Iron Co.	"										
Brookside Bank (B)	"	55,458	-	-	618	56,076	-	115	46	-	1
Red Oak Coal Co. Breaker (B)	"	16,500	7,323	-	-	23,823g	-	209	8	-	-
Sanchez, Alonzo Stripping	"	-	24,275	-	-	24,275(i)	-	274	8	-	-
Schell, Nathan Mine	"	-	3,216	288	-	3,504(k)	-	213	6	-	-
Schneek Coal Co. Breaker (B)	"	-	-	-	-	*	-	296	9	-	-
Schwalm, William Mine	"	-	5,646	-	-	5,646(b)	-	269	6	-	-
Shoemaker & Martinez Bank	Dauphin	2,695	-	-	-	2,695(j)	-	20	8	-	-

TWENTY-FIFTH DISTRICT (CONTINUED)

Operators & collieries	County	Production - net tons				Pounds of dynamite used	Pounds of black powder used	Pounds of permissible explosives used	Days worked	Fatal accidents	Non-fatal accidents
		Shipped to market:	By:	Sold to:	Used at:						
		By railroad	By truck	By local	for steam and heat						
Total for Stevens Coal Co.		512,184	100,512	51,059	5,560	669,315	-	228,400	33,400	514	1 2
Zubel-Zane Coal Co.	Schuy'l.	-	2,420	-	-	2,420(n)	-	1,200	195	5	-
Total for district		849,216	395,998	80,443	7,368	1,333,025	-	343,325	214,938	1623	1 18
(E) Breaker											
* Prepared purchased coal						(e) Coal prepared at		Leon Kocher breaker			
# Included in breaker figures						(f)	"	Pine Creek	"		
% Bank coal						(g)	"	Legal	"		
\$ See Joliett Coal Co.						(h)	"	David Deaven	"		
** No figures given						(i)	"	Markson	"		
(a) Coal prepared at Dancott breaker, 24th district						(j)	"	Salem Hill	"	19th district	
(b) " " Superior						(k)	"	Indian Head	"	21st	
(c) " " Franklin-Lykens breaker						(l)	"	Superior and J. C. J. breakers			
(d) " " Indian Head (21st) and Joliett breaker. Joliett breaker idle since August 1, 1947						(m)	"	Westwood breaker			
						(n)	"	Schneck	"		
TOTAL FOR REGION		47,551,334	4,890,324	3,887,368	1,898,959	58,227,985	2,738,911	41,294,752	16,383,229	277	80,730 1,013 165
Man-days for region				22,392,531							
Production per fatal for region				352,897							
Fatalities per million man-hours for region				1.0							
Non-fatal accidents for region				9,873							

INSIDE EMPLOYEES - BY CLASSIFICATION

District	Mine Foremen	Asst. Foremen & Fire bosses	Miners	Miners' Laborers	Machine runners	Motor runners	Motor runners' assistants	Drivers & runners	Trackmen	Bratticemen	Timbermen - rockmen	Pumpmen	Electricians	Door attendants	All others	Total Inside
1	33	56	668	1264	13	111	76	7	29	8	41	3	11	3	261	2599
2	36	56	563	952	15	112	107	21	37	19	34	21	22	3	203	2171
3	26	72	615	988	19	130	78	7	64	15	79	16	40	-	340	2519
5	31	57	610	948	7	104	93	4	51	19	67	14	41	-	179	2248
6	19	48	412	574	1	56	57	5	20	13	70	13	19	-	85	1392
7	12	55	419	698	17	90	79	1	35	27	91	11	21	2	246	1798
8	19	81	638	1071	10	133	118	2	43	30	71	27	49	31	301	2624
9	14	81	706	1133	5	144	124	1	42	36	99	27	42	48	298	2800
10	19	51	490	743	-	86	73	42	34	24	40	20	19	25	161	1827
11	11	77	576	974	3	111	126	25	58	36	44	16	16	21	416	2500
12	13	79	803	1108	23	150	148	45	58	45	67	8	28	19	533	3127
13	14	88	808	1041	24	143	151	1	58	45	111	15	22	-	508	3029
14	15	89	853	1193	1	123	97	1	33	23	36	13	10	-	412	2899
15	19	47	725	219	-	56	55	2	24	4	41	5	11	1	82	1291
16	13	26	684	222	-	47	46	10	34	9	57	15	15	1	198	1377
17	8	104	1292	38	-	118	91	60	49	33	549	7	40	16	843	3248
18	19	68	1471	156	11	103	95	20	76	35	180	12	37	8	569	2860
19	34	42	713	179	-	52	40	25	15	15	65	24	14	2	195	1415
20	13	89	1344	129	21	94	86	37	19	31	322	11	21	27	393	2637
21	36	26	802	181	16	48	27	18	8	32	67	13	11	5	122	1412
22	14	90	1356	54	6	114	96	12	56	56	376	26	16	41	432	2745
23	36	97	1501	126	45	80	59	59	35	73	325	29	6	15	598	3084
24	25	32	722	168	6	20	14	85	12	20	53	7	8	2	98	1272
25	25	12	353	127	-	15	15	44	5	12	29	5	4	3	47	696
	504	1523	19124	14286	243	2240	1966	534	885	660	2914	358	523	296	7514	53570

Compiled, typed: Ber

OUTSIDE EMPLOYEES - BY CLASSIFICATION

District	Superintendents	Foremen	Blacksmiths & Carpenters	Engineers & Firemen	Trackmen	Statepickers	Office Employees	All Others	Total Outside	Grand total Inside & outside
1	22	31	54	104	8	8	45	908	1180	3779
2	14	12	32	89	1	10	45	280	483	2654
3	11	34	67	59	1	5	38	671	886	3405
5	20	26	69	56	4	13	64	597	849	3097
6	4	15	23	45	3	-	29	261	380	1772
7	7	13	35	81	3	5	16	485	645	2443
8	10	14	76	86	3	11	48	417	665	3289
9	11	14	74	102	11	4	27	340	583	3383
10	16	18	37	57	6	8	34	383	559	2386
11	7	9	24	62	2	34	21	467	626	3126
12	8	15	74	83	2	24	32	730	968	4095
13	6	21	69	76	8	14	15	714	923	3952
14	7	12	68	119	7	27	44	737	1021	3920
15	9	53	66	114	12	5	39	764	1062	2353
16	11	41	55	137	14	14	42	765	1079	2456
17	10	60	124	155	29	7	23	1662	2070	5318
18	15	39	106	169	36	24	51	1108	1548	4408
19	28	44	101	147	14	22	78	1560	1994	3409
20	7	28	65	78	9	28	42	1461	1718	4355
21	23	61	69	129	33	49	68	923	1355	2767
22	31	78	129	100	8	62	133	1834	2375	5120
23	8	22	67	125	10	47	38	1121	1438	4522
24	30	56	53	87	9	32	70	1489	1826	3098
25	22	30	45	105	1	29	35	660	927	1623
	337	746	1582	2365	234	482	1077	20337	27160	80730

Compiled, typed: Ber

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Allessandrini, Steve	6 Teasdale St., Yatesville	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Atkinson, Robert R.	Plains Township, Pa.	Hudson Coal Co.	Loree	Jan. 8	Fell from scaffold in breaker	1
Augustine, Andrew P.	McAdoo, Pa.	Payne Coal Co.	Spring Mtn.	Nov. 4	Fall of coal from pillar	1
Babinko, Samuel	133 E. Main St., Glen Lyon	Glen Alden Coal Co.	Wanamie	Oct. 9	Fall of rock	1
Babyak, John	37 N. Sherman St., Wilkes-Barre	Glen Alden Coal Co.	Buttonwood	Jan. 16	Fall of rock	2
Baker, Peter	86 S. Main St., Ashley	Glen Alden Coal Co.	Huber	July 22	Fall of roof	3
Ballast, George	440 E. 6th St., Mt. Carmel	Phila. & Reading C. & I. Co.	Locust Gap	Oct. 17	Fall of roof	1
Bemming, George V.	R. D. #1, Mountain Top	Glen Alden Coal Co.	Empire Shaft	Feb. 1	Fall of roof (Collar, dislodged by weight	1
Elock, Michael	234 W. Noble St., Nanticoke	(Susquehanna Collieries Div. of M. A. Hanna Co.)	No. 7	Nov. 17	(of top coal, fell on him	1
Bockus, William J.	25 Mountain Road, Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Boyes, William J.	9 Loomis St., Nanticoke	Glen Alden Coal Co.	Loomis	May 10	Thrown off motor when it derailed	1
Bressi, Vito	441 W. 3rd St., Mt. Carmel	C. Q. & W. Enterprise	Mine	July 30	Fall of roof	1
Brinich, Raymond	Schuykill Haven	Lohb Coal Co.	Pine Ridge	Aug. 22	R.R. cars, fell off, run over, when brake wheel spun	1
Brooks, Michael	Eberwale, Pa.	Jeddo-Highland Coal Co.	Jeddo #7	Dec. 23	Fall of coal & rock from rib	1
Bryleski, Frank	5 Crystal St., Hanover Twp.	Glen Alden Coal Co.	Buttonwood	Jan. 16	Fall of roof	2
Calvino, Joseph	127 Brook St., Peckville	Guiducci Coal Co.	Mine	Oct. 10	Caught between cars and rib	1
Castellani, John	142 Fox St., Taylor	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Cecere, Angelo	916 Ward St., Jessup	Cecere's Coal Co.	Mine	Feb. 27	Fall of roof	1
Chook, Nicholas	401 S. Empire St., Wilkes-Barre	Glen Alden Coal Co.	Buttonwood	June 3	Struck by runaway trip	1
Chudlio, Frank	Scranton	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Corrodioni, Lawrence	498 Broad St., Pittston	Jermyn-Green Coal Co.	No. 6	Jan. 9	Fall of roof	1
Cunningham, Michael	1523 S. Webster Ave., Scranton	Number Nine Coal Co.	No. 9	Sept. 24	Fall of roof	3
Cylwik, Charles	49 Hillside St., Wilkes-Barre	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Dadulak, George	148 Poland St., Swoyerville	Harry E. Coal Co.	Harry E.	Oct. 3	Fall of roof	1
Decker, James	452 Thirwell Ave., Hazleton	Coal Rain Coal Co.	Coal Rain	Aug. 5	Electrocuted, contact with power wire	1
Deluso, Costy	504 W. Coal St., Shandaoth	Phila. & Reading C. & I. Co.	Maple Hill	May 1	Fall of top coal	1
Diak, Metro	564 Pine St., Kulpmont	Natalie Coal Corp.	Natalie	Mar. 26	R.R. cars, struck by	1
Dobranski, Nicholas	413 Willow St., Olyphant	Hudson Coal Co.	Olyphant	Oct. 30	Fall of roof	1
Dombroski, Joseph	750 Main St., Sugar Notch	Glen Alden Coal Co.	Sugar Notch	Mar. 15	Fall of roof	1
Drobnyak, Ignatz	913 Miller St., Luzerne	Harry E. Coal Co.	Harry E.	July 12	Fall of roof	1
Dunckel, Peter	New Philadelphia, Pa.	Lehigh Navigation Coal Co.	Coaldale	Feb. 6	Rush of gob from slant chute	1
Duse, Michael	1214 Loomis Ave., Taylor	Glen Alden Coal Co.	Baker	Mar. 6	R.R. cars, caught between	1

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Ellard, Charles	112 Gilroy St., Minooka	Knox Coal Co.	Schoolley	Apr. 10	Gas explosion	10
Fetsko, John Flynn, Paul J.	948 Winton St., Dunmore 201 N. Main St., Pittston	Pennsylvania Coal Co. Number Nine Coal Co.	Underwood No. 9	Dec. 4 Sept. 4	Fall of roof Electrocuted, contact with trolley wire	1 1
Ganis, Joseph G.	244 Center Ave., Plymouth	Glen Alden Coal Co.	Avondale	June 11	Caught betw. derailed car and rib	1
Gasper, John	Mountain Top, Pa.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Gergel, John	159 E. Fifth St., Wyoming	Knox Coal Co.	Schoolley	Apr. 10	Gas explosion	10
Giambra, Michael	Kelayses, Pa.	Glen Alden Coal Co.	Audriest	Apr. 11	Fall of slate and bone	1
Gill, Peter	280 Parsonage St., Hughestown	Knox Coal Co.	Schoolley	Apr. 10	Gas explosion	10
Gordon, Peter	42 Rose Ave., Plains	Lehigh Valley Coal Co.	Henry	Feb. 11	Struck by runaway cars	1
Gongilewski, Stanley	222 Sussex St., Old Forge	Number Nine Coal Co.	No. 9	Oct. 14	Fall of roof	1
Gornick, George	610 Edgar St., Throop	Pennsylvania Coal Co.	Underwood	Oct. 13	Gas explosion	2
Grabski, Henry P.	310 Morse Ave., Simpson	Hudson Coal Co.	Coal Brook	July 22	Fall of coal	1
Gudaitis, Michael	151 W. Church St., Nanticoke	Glen Alden Coal Co.	Bliss	Nov. 8	Fall of roof	1
	Wilkes-Barre, Pa.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Harding, William S. Hoppes, Edward L.	53 W. Washington, Nanticoke 12 Center St., Courtdale	Glen Alden Coal Co. Glen Alden Coal Co.	Bliss S. Wilkes-Barre	Sept. 2 June 6	Caught betw. car & low timber Fall of roof	1 1
Jackson, James Jola, Peter	157 Sixth St., Wyoming 39 North St., Plymouth	Knox Coal Co. Glen Alden Coal Co.	Schoolley Nottingham	Apr. 10 Aug. 7	Gas explosion Fall of roof	10 1
Jones, Edward Jones, Roger	Plymouth, Pa. Kingston, Pa.	Hudson Coal Co. Lehigh Valley Coal Co.	Loree Franklin	Oct. 6 Dec. 11	Fall of roof Gas explosion	1 8
Kadyshefskie, Peter	102 Second St., Ranshaw	(Susquehanna Collieries Div. of M. A. Hanna Co.)	Glen Burn	Jan. 13	Fall of coal from pillar	1
Kanabroski, Felix	552 W. Main St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Kaporal, Edward	Swoyersville, Pa.	Hudson Coal Co.	Loree	Apr. 24	Fall of roof	1
Kashinsky, Stanley	109 Wyoming Ave., Wyoming	Dial Rock Coal Co.	Dial Rock	July 18	Fall of top coal (Electrocuted, contact with trolley wire)	1
Kiddon, Afton	1005 Mt. Carmel St., Shamokin	(Susquehanna Collieries Div. of M. A. Hanna Co.)	Glen Burn	Aug. 11	trolley wire	1
Kirel, Peter	169 Albino St., Old Forge	Pyne-Taylor Coal Co.	Taylor	Aug. 6	Fall of roof	1
Kocan, Anthony	41 W. South St., Nanticoke	Glen Alden Coal Co.	Loomis	Aug. 23	Fall of roof	1
Koleczek, Albert J.	82 Custer St., Wilkes-Barre	Glen Alden Coal Co.	Kidder Slope	July 10	Fall of roof	1
Kotchi, Joseph	245 Broad St., St. Clair	St. Clair Coal Co.	St. Clair	July 19	Caught between car and rib	1
Krajniak, Joseph	946 W. Main St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Kriviski, Anthony	38 Keith St., Hanover Twp.	Glen Alden Coal Co.	Loomis	June 2	Struck by mine cars	1
Kupcek, Victor	354 W. Sixth St., W. Wyoming	Lehigh Valley Coal Co.	Westmoreland	Oct. 10	Fall of roof	2
Kupinsky, Lewis	48 Weston Lane, Wilkes-Barre	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Kurek, Frank	317 River St., Duryea	Number Nine Coal Co.	No. 9	Sept. 24	Fall of roof	3
Kuzmich, George	117 E. Fulton St., Wilkes-Barre	Glen Alden Coal Co.	S. Wilkes-Barre	May 7	Fall, struck head on car	1
Lacina, Thomas	37 Cooper Hill W. Wyoming	Lehigh Valley Coal Co.	Westmoreland	Oct. 10	Fall of roof	2
Leonard, Harry	Donaldson, Pa.	Williams & Fisher Contr. Co.	Stripping	Jan. 6	Fall of rock from side of stripping	1
Lewis, Daniel	305 W. Main St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Liszka, Andrew E.	283 E. Blain St., McAdoo	Lehigh Valley Coal Co.	Hazleton Shaft	Jan. 22	Premature blast	1
Lubinski, Paul	845 N. Washington, Wilkes-Barre	Lehigh Valley Coal Co.	Dorrance	Aug. 7	Fall of top coal	1
Lucci, Ubaldo	2117 Dorothy St., Scranton	S. Mascelli Coal Co.	Mine	Apr. 10	Fall of roof	1
Malakowski, Alex	1127 Pulaski Ave., Shamokin	Phila. & Reading C. & I. Co.	Locust Gap	Apr. 10	Fall of rock	2
Milanciski, Charles	27 Hill Park Ave., Pittston	Payne Coal Co.	Exeter	Jan. 4	Fall of rock	1
Malia, Anthony	450 W. Ogden St., Girardville	Phila. & Reading C. & I. Co.	Hunter Tunnel	Aug. 25	Premature blast	1
Malko, Michael	1724 Bulwer St., Scranton	Moffat Coal Co.	Cayuga	May 12	Fall of bone	1
Mallock, Michael	805 Luzerne St., Scranton	Glen Alden Coal Co.	Baker	June 25	Fall of roof	1
Mandarano, John	416 Sherwood Ave., Dunmore	Pennsylvania Coal Co.	Underwood	Feb. 18	Fall of roof	1
Marcheski, John -	37 Logan St., Wilkes-Barre	Glen Alden Coal Co.	Huber	July 22	Fall of roof	3
Hartz, Robert C.	443 S. Sherman St., Wilkes-Barre	Glen Alden Coal Co.	Huber	Mar. 6	Blast	1
Mazzacco, Louis	106 S. Main St., Archbald	Hudson Coal Co.	Olyphant	Jan. 29	Fall of roof	3
Merlesky, Joseph	1247 Kowery St., Old Forge	Number Nine Coal Co.	No. 9	Sept. 24	Fall of roof	3
Mikula, George	Hollywood, Pa.	Hydrotated Anth. Fuel Co.	Lattimer	Sept. 25	Fall of top coal	1
Milevsky, John	113 Rebecca Ave., Throop	Hudson Coal Co.	Eddy Creek	Nov. 8	Fall of roof	1
Miller, John A.	414 W. Pine St., Mahanoy City	Phila. & Reading C. & I. Co.	Mahanoy City	Sept. 2	Premature blast	1
Minarchick, John	34 N. Spruce St., Mt. Carmel	Phila. & Reading C. & I. Co.	Locust Gap	July 29	Fall of roof	1
Minkiewicz, Peter	629 Lee St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Mont, Rudolph	49 Vine St., Ashley	Glen Alden Coal Co.	Huber	May 6	Fall of roof	1
Mytch, Stanley	4 W. River St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Nat, John	105 Spring St., Wilkes-Barre	Lehigh Valley Coal Co.	Dorrance	Jan. 6	Fall of coal from pillar	1
Naugle, Raymond E.	R. D. #2, Avoca	Kehoe-Berge Coal Co.	hed Ash Shaft	Feb. 12	Fall of roof	1
Nealon, Frank J.	732 Dudley St., Throop	Hudson Coal Co.	Eddy Creek	Sept. 12	Fall of roof	1
Nelb, Ludwig	291 Andover St., Wilkes-Barre	Glen Alden Coal Co.	S. Wilkes-Barre	Jan. 7	Fall of roof	1
Novitsky, John	Mount Carmel, Pa.	Phila. & Reading C. & I. Co.	Potts	Jan. 10	Drawn down into chute, crossing on loose coal when men started chute	1

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
O'Donnell, Arthur	54 Brown St., Swyersville	Payne Coal Co.	Exeter	May 12	Collision of trips	1
Oljeski, Edmund	Mountain Top, Pa.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Ostrowski, Chester	260 Orchard St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Ott, Herbert	2908 Pink St., Scranton	Continental-Archbald C. Co.	Archbald	Apr. 19	Lump of coal fell down shaft	1
Paczkoskie, Clement	1709 Pulaski Ave., Shamokin	Stevens Coal Co.	Trevorton	Feb. 25	Push of coal in battery	1
Pailo, Frank	105 Sixth St., Blakely	Ondrick Coal Co.	Mine	Jan. 30	Fall of roof	1
Paliachik, Paul	506 Josephine St., Old Forge	Russell Coal Co.	Russell	Nov. 8	Fall of roof	1
Palzeari, Andrew	2007 Farr St., Scranton	Moffat Coal Co.	Storrs	Oct. 11	Fall of coal from face	1
Panzitta, Michael	39 Bryden St., Pittston Twp.	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Parker, Edward	130 Franklin St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Pelczar, Carl F.	160 Brown Row, Waramie	Glen Alden Coal Co.	Waramie	May 3	Struck by derailed car	1
Pietruch, Frank P.	35 Walter St., Summit Hill	Lehigh Navigation Coal Co.	Lansford	May 23	Caught between plank on car & car	1
Podchoszky, Leo	815 Chestnut St., Eynon	Northwest Coal Co.	Raymond	Dec. 12	Fall of roof	1
Polumbo, Joseph	525 Seybert St., Hazleton	Lehigh Valley Coal Co.	Hazleton Shaft	May 2	Cars, in motion, struck jack-hammer, derailed	1
Poteran, Klemen J.	47 Blair St., Plymouth	Glen Alden Coal Co.	Nottingham	Dec. 6	Fall of top coal	1
Pucher, Michael	902 Monsey Ave., Scranton	Moffat Coal Co.	Storrs	Sept. 23	Fall of roof	1
Pulak, Casper	Wilkes-Barre, Pa.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Puzzo, Louis	25 Penn Ave., Exeter	Payne Coal Co.	Exeter	Dec. 30	Caught between derailed car and prop	1
Ragowski, John	238 Gilligan St., Wilkes-Barre	Glen Alden Coal Co.	S. Wilkes-Barre	Sept. 26	Fall of roof	1
Reitz, Monroe	104 E. Shamokin St., Trevorton	Phila. & Reading C. & I. Co.	Locust Gap	Apr. 10	Fall of roof	2
Reitz, Solomon	R. D. #5, Danville	Phila. & Reading C. & I. Co.	Reliance	Jan. 9	Outburst of tons of coal at face, from roof pressure	1
Rinkus, Ignatz	23 Friend St., Port Griffith	Payne Coal Co.	Exeter	Mar. 22	Fall of roof	1
Ryan, William P.	403 N. Main St., Pittston	Number Nine Coal Co.	No. 9	Nov. 28	Fell down shaft	1
Sadowski, Stanley	240 Boland Ave., Lee Park W-B	Glen Alden Coal Co.	Buttonwood	Nov. 28	Timber fell down shaft	1
Savage, Anthony	413 Charles St., Scranton	Hudson Coal Co.	Marvine	Sept. 13	Fall of roof	1
Schmaltz, Charles L.	57 Center St., Hughestown	Hudson Coal Co.	Pine Ridge	Feb. 10	Stripping cut gave way under bulldozer he was operating	1
Schopp, John A.	Minersville, Pa.	Phila. & Reading C. & I. Co.	Oak Hill	Sept. 6	Prop swung out of hitch	1
Selega, Anthony	140 Old Cranberry, Hazleton	Cranberry Improvement Co.	Cranberry	Feb. 17	Caught between railroad cars	1
Senowech, Walter	205 Nicholson St., Wilkes-Barre	Lehigh Valley Coal Co.	Franklin	Mar. 15	Struck by runaway cars	1
Shields, Julius	Locust Dale, Pa.	Phila. & Reading C. & I. Co.	Potts	Mar. 10	Struck by loading machine boom	1
Shuck, Martin D.	Locust Gap, Pa.	Phila. & Reading C. & I. Co.	Monitor Strip.	Aug. 9	Truck body fell on him, when safety block & jack slipped out	1

F A T A L A C C I D E N T S - 1 9 4 7

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Siarkowski, Stanley	418 S. Sherman, Wilkes-Barre	Lehigh Valley Coal Co.	Franklin	July 26	Electrocuted, contact with trolley wire	1
Sillup, Stephen	Ashley, Pa.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Sintuk, Joseph	523 Jones St., Nanticoke	Glen Alden Coal Co.	Tuesdale	Aug. 8	Fall of roof	1
Sipos, Manus	745 Lehigh St., Wilkes-Barre Twp.	Glen Alden Coal Co.	Huber	Mar. 21	Fall of top coal	1
Skapik, Joseph F.	221 W. Kline Ave., Lansford	Lehigh Navigation Coal Co.	Lansford	Mar. 22	Caught in machinery at screening plant	1
Skzynecki, Ignatz	Wilkes-Barre Twp.	Lehigh Valley Coal Co.	Franklin	Dec. 11	Gas explosion	8
Smeltz, James H.	R. D. Klingersdown	Stevens Coal Co.	Trevorton	May 14	R. R. cars, struck, run over by	1
Smith, James	22 Smith Row, Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Soback, Anthony	420 Perry St., Nanticoke	Glen Alden Coal Co.	Tuesdale	Nov. 20	Fall of roof	1
Solinski, Andrew	129 Center St., Hanover Twp.	Glen Alden Coal Co.	Manamie	Jan. 28	Blast	1
Solomon, Alfred, Jr.	65 Courtright St., Plains Twp.	Plains-Hilldale Coal Co.	No. 14 Drifts	Mar. 11	Fall of roof	1
Spook, Frank	8 Fine St., Alden Station	Glen Alden Coal Co.	Bliss	Jan. 25	Electrocuted, contact with high tension wire	1
Straub, Martin	Kingston, Pa.	Glen Alden Coal Co.	Woodward	Feb. 10	Caught between car and rib	1
Tkach, Andrew	171 First St., Coaldale	Lehigh Navigation Coal Co.	Coaldale	Feb. 13	Fall of coal from rib	1
Tomaszewski, Joseph	3104 Jones St., Winooka	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Trotta, Richard	41 Center St., Pittston	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Usifera, Luke	40 Curry St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Vanchure, Michael	422 Matson Ave., Wilkes-Barre	Hudson Coal Co.	Pine Ridge	Mar. 6	Caught in gears on conveyor line	1
Varkaitis, Bernard	109 Grant St., Dickson City	Moffat Coal Co.	Storrs	Feb. 10	Truck ran off icy road, upset	1
Vivaldi, Eugene	540 Green St., Duryea	Knox Coal Co.	Schooley	Apr. 10	Gas explosion	10
Wagner, Milton	37 N. Beech St., Mt. Carmel	Phila. & Reading C. & I. Co.	Reliance	Oct. 13	Asphyxiated, carbon monoxide	1
Walsh, Joseph	25 Lindberg Ave., Wyoming	Dial Rock Coal Co.	Dial Rock	Dec. 19	Chain holding sheave wheel broke, car ran back	1
Watkins, Cornelius	307 N. Locust St., Mt. Carmel	Raven Run Coal Co.	Germantown	July 11	Rush of coal & rock from chute	1
Weber, Irvin	80 S. Coal St., Port Carbon	Phila. & Reading C. & I. Co.	Maple Hill	Jan. 31	Fall of rock	1
Wehr, Hiram	1102 E. Mahanoy Ave., Mahanoy City	" "	Mahanoy City	Nov. 17	Fall of top coal	1
Whiteside, John	Girardville, Pa.	Rose Valley Coal Co.	Packer #5	Jan. 3	Blast	1
Wilde, John	167 Nottingham St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Wallis, John	R. D. #1, Barnesville	Hammond Coal Co.	Hammond	Nov. 28	Wedge came loose, releasing drag cable, causing rope to swing	1
Woyslaw, Chester	237 E. Grand St., McAdoo	Glen Alden Coal Co.	Audenried	Dec. 4	Blast	1

FATAL ACCIDENTS - 1947

Name of victim	Address	Name of company	Colliery, mine, etc.	Date	Cause of injury	No. killed
Yannoni, Pasquale	270 E. High St., Coaldale	Lehigh Navigation Coal Co.	Tamaqua	May 21	Struck by mine cars	1
Yarochik, John	306 Hand St., Jessup	Pennsylvania Coal Co.	Underwood	Oct. 13	Gas explosion	2
Yazdzik, John	1065 S. Valley Ave., Olyphant	Moffat Coal Co.	Storrs	Jan. 6	Fall of roof	1
Yob, Virgil	210 Girard St., Atlas	Raven Run Coal Co.	Germantown	May 27	Fall of slate	1
Yoka, Frank W.	437 E. Camp St., Mt. Carmel	Susquehanna Collieries Div. of M. A. Hanna Co.	Glen Burn	Sept. 27	Caught between power shovel and rock wall	1
Zajackowski, Stanley	16 Thomas St., Sheatown	" " "	No. 7	Dec. 24	Fall of rock	1
Zawatski, Stanley	Plymouth, Pa.	Glen Alden Coal Co.	Lance	Oct. 18	Fall of roof	1
Zielinski, John	453 W. Shawnee Ave., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Zlotek, Carl	165 Church St., Plymouth	Glen Alden Coal Co.	Nottingham	Jan. 15	Gas explosion	15
Zorick, Theodore J.	37½ E. Newport St., Ashley	Glen Alden Coal Co.	Huber	July 22	Fall of roof	3

Compiled, typed: Ber

Causes of Fatal Accidents, By Counties, 1947

	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total
Inside											
Direct falls	1	2	-	11	32	4	1	-	-	-	51
Indirect falls	-	-	-	8	11	2	3	-	-	-	24
Cars	1	-	-	1	13	-	1	-	-	-	16
Falling material	-	-	-	1	2	-	1	-	-	-	4
Falling down shaft	-	-	-	-	1	-	-	-	-	-	1
Fell, struck head on oil box of car	-	-	-	-	1	-	-	-	-	-	1
Explosions of gas	-	-	-	2	33	-	-	-	-	-	35
Explosions of gas	-	-	-	-	3	1	4	-	-	-	7
Blasts	-	-	-	-	2	1	-	-	-	-	3
Electricity	-	-	-	-	2	1	-	-	-	-	3
Rush of material, in battery or chute	-	1	-	-	-	1	1	-	-	-	3
Miscellaneous	-	1	-	-	-	1	-	-	-	-	2
Total inside	2	4	-	23	98	9	11	-	-	-	147
Outside											
Mine cars	-	-	-	-	-	-	1	-	-	-	1
Railroad cars	-	-	-	1	1	2	1	-	-	-	5
Fall of person	-	-	-	-	1	-	-	-	-	-	1
Electricity	1	-	-	-	1	-	-	-	-	-	2
Machinery	1	-	-	-	1	-	-	-	-	-	2
Loading machine boom, struck by	-	1	-	-	-	-	-	-	-	-	1
Falling material from side of stripping pit	-	-	-	-	-	-	1	-	-	-	1
Stripping bank gave way under bulldozer he was operating	-	-	-	-	1	-	-	-	-	-	1
Struck by power shovel	-	-	-	-	-	1	-	-	-	-	1
Truck body fell on him, when jack slipped out	-	-	-	-	-	1	-	-	-	-	1
Truck ran off icy road, upset	-	-	-	-	-	-	-	-	-	-	1
Wedge came loose, releasing drag cable, causing rope to swing	-	-	-	1	-	-	1	-	-	-	1
Total outside	2	1	-	2	5	4	4	-	-	-	18
Grand total, inside and outside	4	5	-	25	103	13	15	-	-	-	165

Compiled, typed:Ber

PRODUCTION PER FATAL INSIDE, AND PRODUCTION PER FATAL INSIDE AND OUTSIDE, BY DISTRICT

Year 1947

Dist- rict	Inspector	Deep mined production	Stripping production	Bank production	Total production	Fatal- ities inside	Fatal- ities outside	Fatal- ities total	Production per fatal deep mined inside & outside	Employees	Days worked
1	J. F. Munley	2,077,576	549,267	159,409	2,786,252	5	-	5	415,515	557,250	277
2	T. L. Wackley	1,789,490	70,481	186,409	2,046,380	8	-	8	223,686	255,798	275
3	W. G. Ward	1,826,573	178,993	293,648	2,299,214	6	2	8	304,429	287,402	269
5	T. D. Rees	1,609,269	66,833	198,240	1,874,342	3	-	3	536,423	624,781	283
6	J. D. Bonner	1,069,011	238,262	220,918	1,528,191	7	-	7	152,716	218,313	274
7	A. Wilson	1,186,241	266,787	-	1,453,028	23	1	24	51,576	60,543	281
8	D. H. Connolly	1,861,350	64,297	147,794	2,073,441	12	-	12	155,113	172,757	284
9	T. M. Beane	1,751,419	2,127	9,494	1,763,040	11	-	11	159,220	160,276	283
10	J. C. Hines	1,371,085	139,830	223,197	1,734,112	1	2	3	1,371,085	578,037	268
11	*H. R. Owens	1,869,692	265,862	38,756	2,174,310	18	-	18	103,872	120,795	279
12	E. C. Curtis	2,275,126	230,344	4,693	2,510,163	4	1	5	568,782	502,033	284
13	D. Edwards	2,114,179	375,744	4,259	2,494,182	13	-	13	162,629	191,860	270
14	K. C. Lee	2,331,614	314,239	7,906	2,653,759	5	-	5	466,323	530,752	289
15	R. Ditzler	896,538	569,608	237,542	1,703,688	2	-	2	448,269	851,844	266
16	Vacant	721,222	406,838	203,222	1,331,382	3	1	4	240,407	332,846	284
17	W. J. Clements	2,625,307	1,067,461	465,127	4,157,895	3	2	5	875,102	831,579	260
18	J. J. Shober	1,741,653	937,983	246,499	2,926,135	2	1	3	870,827	975,378	231
19	T. A. Ryan	947,091	1,433,467	431,855	2,812,413	2	1	3	473,546	937,471	268
20	J. H. Morgan	1,473,559	870,427	1,033,498	3,377,484	4	1	5	368,390	844,371	3,409
21	H. Hilbert	1,239,651	838,560	194,757	2,272,968	-	-	-	-	-	2,767
22	R. O. Schneider	1,669,033	1,009,109	742,712	3,420,854	4	1	5	417,258	684,171	281
23	J. P. Brophy	1,934,054	885,933	440,107	3,260,094	8	2	10	241,757	326,009	252
24	J. R. Ruane	1,558,771	1,296,945	1,385,917	4,241,633	3	3	6	519,590	706,939	278
25	G. E. Smith	520,303	611,985	200,737	1,333,025	-	1	1	-	1,333,025	1,623
REGION		38,459,807	12,691,382	7,076,796	58,227,985	147	18	165	261,631	352,897	80,730

* Retired Oct. 16, 1947

Compiled and typed by B.E.R.

Year 1947

PRODUCTION PER FATAL INSIDE, AND PRODUCTION PER FATAL INSIDE AND OUTSIDE, BY OPERATOR

Operator	Deep mined production	Stripping production	Bank production	Total production	Fatal- ities inside	Fatal- ities outside	Fatal- ities total	Production per fatal deep mined	Production per fatal inside and outside	Empl- oyes	Days worked
Cecerecelli Coal Co.	2,921	-	-	2,921	1	-	1	2,921	2,921	14	126
Coal Rain Coal Co.	24,717	28,446	-	53,433	-	1	1	-	53,433	90	213
Continental-Archbald C. Co.	325,469	-	-	325,469	1	-	1	325,469	325,469	473	292
C. Q. & W. Coal Co.	20,013	-	-	20,013	1	-	1	20,013	20,013	19	220
Granberry Improvement Co.	98,520	11,991	40,922	151,433	-	1	1	151,433	151,433	567	85
Dial Rock Coal Co.	72,037	-	-	72,037	2	-	2	36,019	36,019	139	267
Glen Alden Coal Co.	6,832,308	807,830	4,259	7,644,397	50	2	52	136,646	147,008	13573	280
Guiducci Coal Co.	27,396	-	-	27,396	1	-	1	27,396	27,396	25	286
Hammond Coal Co.	284,776	101,915	62,457	449,148	-	1	1	-	449,148	755	242
Harry E. Coal Co.	290,331	-	3,707	294,038	2	-	2	145,166	147,019	556	286
Hudson Coal Co.	4,395,364	147,534	81,053	4,623,951	8	3	11	549,421	420,359	6298	280
Hydrotated Anth. Fuel Co.	39,107	37,352	66,956	143,415	1	-	1	39,107	143,415	247	213
Jeddo-Highland Coal Co.	594,040	364,855	32,254	991,149	1	-	1	594,040	991,149	1422	273
Jermyn-Green Coal Co.	826,194	10,123	-	836,317	1	-	1	826,194	836,317	1594	255
Kehoe-Berge Coal Co.	524,362	8,159	49,517	582,038	1	-	1	524,362	582,038	1117	267
Knox Coal Co.	470,903	-	-	470,903	10	-	10	47,090	47,090	507	291
Lehigh Navigation C. Co.	3,065,996	1,305,807	205,366	4,577,169	3	2	5	1,021,999	915,434	6414	258
Lehigh Valley Coal Co.	2,750,013	206,273	67,444	3,023,730	17	-	17	161,765	177,866	4888	268
Lomb Coal Co.	-	-	-	8,700*	-	1	1	-	8,700	55	199
Mascecelli (S.) Coal Co.	33,266	-	-	33,266	1	-	1	33,266	33,266	37	280
Moffat Coal Co.	1,257,723	75,515	-	1,333,238	4	1	5	314,431	266,648	1551	292
Natalie Coal Corp.	-	-	-	133,878*	-	1	1	-	133,878	96	193
Northwest Coal Co.	307,355	51,283	-	358,638	1	1	1	307,355	358,638	774	243
Number Nine Coal Co.	539,805	12,302	47,786	599,893	6	-	6	89,968	99,982	896	286
Ondrick Coal Co.	4,345	-	-	4,345	1	-	1	4,345	4,345	10	242
Payne Coal Co.	390,104	105,587	2,351	498,042	5	-	5	78,021	99,608	864	264
Pennsylvania Coal Co.	842,051	-	122,068	964,119	4	-	4	210,513	241,030	1681	293
Phila. & Reading C. & I. Co.	3,447,239	2,694,565	1,146,562	7,288,366	13	2	15	265,172	485,891	9335	269
Plains-Hilldale Coal Co.	136,035	35,287	-	171,322	1	-	1	136,035	171,322	215	295
Pyne-Taylor Coal Co.	327,666	-	-	327,666	1	-	1	327,666	327,666	445	292
Raven Run Coal Co.	419,555	108,394	-	527,949	2	-	2	209,778	263,975	618	281

PRODUCTION PER FATAL INSIDE, AND PRODUCTION PER FATAL INSIDE AND OUTSIDE, BY OPERATOR, CONTD.

Year 1947

Operator	Deep mined production	Stripping production	Bank production	Total production	Fatal- ities inside	Fatal- ities outside	Fatal- ities total	Production per fatal inside and outside	Empl- oyes	Days worked
Rose Valley Coal Co.	28,817	-	685	29,502	1	-	1	29,502	653	27
Russell Coal Co.	102,252	-	-	102,252	1	-	1	102,252	225	264
St. Clair Coal Co.	232,583	202,412	334,209	769,204	1	-	1	769,204	850	288
Stevens Coal Co.	-	-	-	2,102,282*	1	2	3	700,761#	1264	285
Susquehanna Collieries Div.	2,201,025	279,968	-	2,480,993	4	1	5	496,199	3653	271
M. A. Hanna Co.	38,459,807@	12,691,382@	-	58,227,985@	147	18	165	352,897@	80,730@	277@
			7,076,796@							

* Preparation plant

Prepared mine and strip coal. Two fatalities occurred at the breaker, and one at a deep mine, whose production has been credited to Stevens C.Co.

@ Total for region, not total for companies shown on this statement

Compiled, typed:Ber

Accidents in Which Five or More Persons Were Killed, 1847 - 1947

	Date	Name of colliery	Location of colliery	Cause of accident	No. killed
1847	Feb.	Spencer	Pottsville	Explosion of gas	7
1869	Sept. 6	Avondale	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale	Boiler explosion	5
	Aug. 10	Heins & Glassmire	Middleport	Cage falling down shaft	9
	Aug. 29	Preston #3	Girardville	Car falling down slope	7
1871	May 27	West Pittston	West Pittston	Suffocation by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Middleport	Explosion of gas	6
	Nov. 2	Mill Creek	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Shamokin	Explosion of gas	5
1882	May 24	Kohlnoor	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Shamokin	Mine fire	7
1885	Apr. 6	Cuyler	Raven Run	Fall of roof	10
	Aug. 11	West End	Mocanaqua	Suffocation by gas from boiler fire	10
	Oct. 21	Plymouth #2	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke #1	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Scranton	Explosion of gas	6
	Sept. 13	Marvine	Scranton	Suffocation by gas	8
	Nov. 26	Conyngham	Wilkes-Barre	Explosion of gas	12
1887	Apr. 27	Tunnel	Ashland	Suffocation by gas	5
	Oct. 1	Bast	Big Mine Run	Explosion of gas	5
1889	May 9	Kaska William	Middleport	Car falling on cage in shaft	10
1890	Feb. 1	Nottingham	Plymouth	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre #3	Wilkes-Barre	Explosion of gas	8
	Apr. 2	Susquehanna #4	Nanticoke	Explosion of gas	5
	May 15	Jersey #8	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mtn. #1	Jeanesville	Drowned by water from old workings	13
	Oct. 23	Richardson	Glen Carbon	Suffocation by gas	7
	Nov. 8	Susquehanna #1	Nanticoke	Explosion of gas	12
1892	Apr. 20	Lytle	Minersville	Drowned by water from old workings	10
	July 23	York Farm	Pottsville	Explosion of gas	15
1893	Apr. 1	Neilson	Shamokin	Mine fire	10
	June 22	Susquehanna #1	Nanticoke	Explosion of gas	5
	Sept. 21	Lance #11	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Shamokin	Mine fire	5
	Oct. 11	Henry Clay	Shamokin	Boiler explosion	6
1895	Feb. 18	West Bear Ridge	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Pittston	Fall of roof	58
	Oct. 29	S. Wilkes-Barre #3	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Wadesville	Crosshead fell down shaft	5
	Sept. 28	Jernyn #1	Rendham	Mine fire	5
	Oct. 30	Von Storch	Scranton	Mine fire	6
1898	May 26	Kaska William	Middleport	Drowned by water from old workings	6
	Oct. 1	Midvale	Wilkes-Barre	Mine fire	5
	Nov. 5	Exeter	West Pittston	Car fell on cage in shaft	9
1900	Nov. 9	Buck Mountain	Mahanoy City	Explosion of gas	7
1901	Oct. 25	Buttonwood	Plymouth	Explosion of gas	6
1902	Nov. 29	Luke Fidler	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Locust Gap	Mine fire	5
	May 25	Williamstown	Williamstown	Suffocation by gas from mine locomotive	10
	Nov. 2	Auchincloss	Nanticoke	Falling down shaft	10
1905	Feb. 18	Lytle	Minersville	Fall of roof	5

 Accidents in Which Five or More Persons Were Killed, 1847 - 1947

Date	Name of colliery	Location of colliery	Cause of accident	No. killed
1905 Mar. 9	Clear Spring	West Pittston	Falling down shaft	7
Apr. 26	Conyngham	Wilkes-Barre	Falling down shaft	10
1906 May 15	Shenandoah City	Shenandoah	Explosion of powder & dynamite	7
Aug. 6	Susquehanna #7	Nanticoke	Explosion of gas	6
1907 Mar. 2	Holden	Taylor	Explosion of gas	7
1908 June 18	Johnson #1	Priceburg	Explosion of gas	7
May 12	Mount Lookout	Wyoming	Explosion of gas	12
May 13	Prospect	Midvale	Fall of roof	5
July 15	Williamstown	Williamstown	Explosion of powder & dynamite	6
Aug. 28	Warrior Run	Wilkes-Barre	Mine cars	6
1909 Mar. 2	Pennsylvania #14	Pittston	Explosion of gas	8
Nov. 9	Auchincloss	Nanticoke	Mine fire	9
1910 Jan. 11	Nottingham	Plymouth	Explosion of gas	7
Mar. 12	So. Wilkes-Barre #5	Wilkes-Barre	Explosion of gas	7
1911 Apr. 7	Pancoast	Throop	Mine fire	72
May 27	Cameron	Shamokin	Explosion of gas	5
Sept. 12	Marvine	Scranton	Mine cars	5
Oct. 3	Drifton #2	Freeland	Cave-in	5
1912 Jan. 9	Parrish	Plymouth	Explosion of gas	6
1913 Aug. 2	East Brookside	Tower City	Explosion of gas	20
1914 May 29	Maryd	Maryd	Overwinding of cage	6
Sept. 16	Lehigh #4	Lansford	Explosion of gas	7
Dec. 9	Diamond	Scranton	Falling down shaft	13
1915 Feb. 17	Prospect	Wilkes-Barre	Explosion of gas	13
1916 Feb. 8	Lance #11	Plymouth	Explosion of gas	7
Mar. 9	Hollenback #2	Wilkes-Barre	Explosion of gas	6
Aug. 8	Woodward	Edwardsville	Explosion of gas	6
1919 June 5	Baltimore #5 (Baltimore Tunnel)	Wilkes-Barre	Explosion of powder & dynamite	92
July 8	Lansford	Lansford	Explosion of gas	8
1921 Mar. 9	Rahn	Seek	Explosion of gas	5
1922 Nov. 3	Eddy Creek	Scranton	Premature blast	6
1923 Feb. 21	Alliance	Middleport	Explosion of gas	5
June 26	Richards	Mount Carmel	Explosion of gas	5
Dec. 8	Mount Jessup #2	Jessup	Fall of roof	5
1924 June 6	Loomis	Nanticoke	Explosion of gas	14
1925 May 22	Woodward	Edwardsville	Explosion of gas	7
Aug. 3	Dorrance	Wilkes-Barre	Explosion of gas	10
1926 May 6	Randolph	Port Carbon	Explosion of gas	5
July 3	Pettebone	Kingston	Explosion of gas	7
Oct. 30	Susquehanna #7	Nanticoke	Explosion of gas	9
1927 May 26	Woodward	Edwardsville	Fall of roof, followed by explosion of gas	7
1928 May 25	Baltimore #5	Wilkes-Barre	Explosion of gas	10
1930 Aug. 8	Gilberton	Gilberton	Fall of roof	8
1931 May 29	Richards	Mt. Carmel	Explosion of gas	5
1935 Jan. 21	Gilberton	Gilberton	Explosion of gas	13
May 7	S. Wilkes-Barre	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7
1936 Aug. 24	Clear Spring	West Pittston	Explosion of gas	5
1938 Apr. 27	St. Clair	St. Clair	Explosion of gas	8
June 2	Volpe	Pittston Twp.	Explosion of gas	10
1943 Sept. 24	Primrose	Minersville	Explosion of gas	14
1947 Jan. 15	Nottingham	Wilkes-Barre	Explosion of gas	15
Apr. 10	Schooley	Exeter Bro.	Explosion of gas	10
Dec. 11	Franklin	Wilkes-Barre Twp.	Explosion of gas	8

ANTHRACITE DIVISION

Stripping Report - Year 1947

Dist- rict	Operator & Stripping	Stripping production	Days worked	Empl- oyes
10	Alderson Mining Co.	1,539	220	*
20	Alpec Coal Co.	59,088	168	47
1	Annamay Coal Co.	8,418	289	10
	Bazley, J. Robert, Inc.			
22	Stripping	36,036	136	23
23	"	90,120	198	74
	Total for Co.	126,156		97
16	Beaver Brook Coal Co.	5,479	226	7
1	Benjamin Coal Co.	13,410	239	12
21	Blackwood Coal Co.	123,705	210	35
12	B. & M. Construction Co.	1,398	101	*
1	Booth (John) Inc.	110,996	275	58
21	Branchdale Coal Co.	5,486	59	20
21	Buck Run Colliery Co.	231,105	210	58
	Burke Stripping Co.			
1	Stripping	103,791	300	65
19	"	28,219	217	11
	Total for Co.	132,010		76
3	Butera Coal Co.	5,003	53	10
1	B. & D. Stone	7,249	138	19
15	Cabin Creek Coal Co.	500	34	6
10	Capone Coal Co.	9,846	232	*
12	Carey, Baxter & Kennedy	210,406	298	90
23	Centralia Mining Co.	91,756	194	41
8	C. & G. Coal Co.	18,887	262	7
18	Coal Rain Coal Co.	28,446	152	17
19	Colitz Coal Co.	192,915	296	108
10	Conlon Coal Co.	9,479	268	*
16	Cranberry Improvement Co.	11,991	90	23
21	Dando, J. P.	29,893	206	20
21	D. & B. Coal Co.	39,801	240	28
	DeAngelis Coal Co.			
1	Bolands Stripping	150,048	289	*
3	DeAngelis "	53,196	279	18
	Total for Co.	203,244		18
20	Delano Anth. Collieries Co.	7,297	13	68
	Deweese Bros.			
1	Stripping	18,952	292	20
12	"	15,019	259	10
	Total for Co.	33,971		30
13	Dick (A.E.) Contracting Co.	301,268	298	61
23	Dragondale Corp.	26,795	199	27
	Duryea Anthracite Co.			
10	Packer Stripping	7,449	239	*
14	West End "	13,820	263	4
	Total for Co.	21,269		4
18	Fairclough Mining Corp.	14,756	194	21
1	Farnetti Coal Co.	253	12	10
10	Fiorini Coal Co.	7,112	54	10
19	Frackville Coal Co.	7,400	56	22
10	Franklin Coal Mining Co.	42,718	285	100
25	Franklin-Lykens Coal Co.	15,605	80	22
6	Fritz Bros. Coal Co.	2,111	155	4
	Gasparini Stripping Co.			
2	Stripping	22,805	300	15
3	"	27,969	299	16
20	Boston Run Stripping	59,242	221	50
	Total for Co.	110,016		81
1	Gateway Coal Co.	22,060	255	10
7	Gaylord Coal Co.	5,682	152	8

Stripping Report - Year 1947, Contd.

Dist- rict	Operator & Stripping	Stripping production	Days worked	Empl- oyes
22	Gilberton Coal Co.	148,782	273	90
6	Gillizzi Coal Co.	10,063	132	6
1	Giombetti Coal Co.	20,920	204	40
22	Girardville Excavating Co.	28,676	141	23
	Glen Alden Coal Co. - Loomis	33,949		
7	Bliss Stripping	227,156	292	*
11	A.E. Dick "	153,733	278	40
14	Wanamie "	194,765	299	36
16	Audenried "	198,227	292	114
	Total for Co.	807,830		190
15	Gowen Coal Co.	11,189	197	5
	Haddock Mining Co.			
15	Deringer	49,770	222	25
15	Tomhicken	33,178	234	26
18	Beaver Meadow	58,718	246	41
	Total for Co.	141,666		92
22	Hammond Coal Co.	101,915	242	63
6	Harris & Walsh	147,780	254	32
22	Hazle Brook Coal Co.			
22	Continental	33,863	183	46
22	Midvalley	2,280	19	16
	Total for Co.	36,143		62
6	Heidelberg Coal Co.	4,779	123	4
	Hudson Coal Co.			
10	Delaware	34,794	291	*
10	Laflin	6,535	293	*
10	Pine Ridge	20,358	291	*
11	A.E. Dick	85,847	295	31
	Total for Co.	147,534		31
16	Humboldt Anthracite Co.	3,757	53	10
15	Hydrotated Anth. Fuel Co.	37,352	187	12
21	Indian Head Coal Co.	210,443	246	102
	Jeddo-Highland Coal Co.			
15	Eckley	64,447	280	22
15	Highland #2	59,736	297	50
15	Jeddo #7	129,148	304	57
15	Stockton	111,524	295	65
	Total for Co.	364,855		194
8	Jermyn-Green Coal Co.	10,123	147	9
25	Joliett Coal Co.	2,000	232	70
20	Jones Coal Corp.	74,162	281	48
5	Kehoe-Berge Coal Co.	8,159	267	9
13	Kingston Excavating Co.	74,476	299	17
22	Kohinoor Coal Co.	2,596	16	22
	Lehigh Navigation Coal Co.			
17	Coaldale	361,134	257	201
17	Lansford	422,108	254	271
17	Tamaqua	284,219	258	262
18	Nesquehoning	238,346	249	114
	Total for Co.	1305,807		848
	Lehigh Valley Coal Co.			
9	Westmoreland	2,127	37	8
11	Franklin	26,282	268	9
16	Cranberry	37,716	65	13
18	Hazleton Shaft	140,148	276	71
	Total for Co.	206,273		101
19	Linde (S) & Son	11,120	95	10
6	L. K. Coal Co.	63,750	271	19
22	Locust Coal Co.	189,181	252	131
5	Lombardi, Dominick	3,537	63	8
22	Mammoth Coal Co.	166,946	196	77
25	Markson Coal Co.	52,285	270	63
23	Martinez & Broderick	78,078	281	88

Stripping Report - Year 1947, Contd.

Dist- rict	Operator & Stripping	Stripping production	Days worked	Empl- oyes
19	Miller Contracting Co.	83,020	263	48
1	M. & M. Coal Co.	212	255	*
3	Moffat Coal Co.	75,515	292	18
2	Moosic Mountain Coal Co.	8,772	150	6
19	Morea-New Boston Breaker Corp.	7,834	82	11
21	Morgan, Irving	24,789	200	20
1	Motley Coal Co.	5,673	264	*
18	Mountain Top Coal Co.	135,303	262	86
24	Natalie Coal Corp.	9,510	81	20
21	Necho Coal Co.	106,405	203	114
	Northwest Coal Co.			
1	Raymond	50,065	243	*
3	Capouse	1,218	52	11
	Total for Co.	51,283		11
	Number Nine Coal Co.			
3	Stripping	2,523	40	11
6	Number Nine	9,779	180	10
	Total for Co.	12,302		21
2	Pagnotti Coal Co.	4,635	70	11
16	Payne Coal Co.	105,587	261	36
3	Penn Anthracite Co.	3,840	71	12
	Perry Construction Co.			
2	Stripping	19,824	97	15
3	"	9,729	94	16
	Total for Co.	29,553		31
	Phila. & Reading Coal & Iron Co.			
18	Reevesdale	200,079	291	93
19	Oak Hill	856,540	292	540
20	Bear Run	11,882	100	26
20	Knickerbocker	265,442	292	108
20	Shenandoah	278,569	288	308
22	Hunter Tunnel	7,256	92	20
22	Bast	130,410	291	71
22	Bancroft	6,535	101	30
23	Locust Gap A-36	29,801	217	31
23	" A-40	56,730	287	34
23	Monitor	298,189	287	229
23	Potts	214,464	256	32
24	Burnside	30,558	131	40
24	Bear Valley S-3	128,624	217	45
24	" S-3A	58,586	231	91
24	Hepburn S-8	120,900	264	57
	Total for Co.	2,694,565		1755
21	Phoenix Coal Co.	17,371	85	25
8	Plains-Hilldale Coal Co.	35,287	299	18
2	Pompey Coal Co.	5,323	296	*
5	Quinn & Walsh	778	125	2
22	Raven Run Coal Co.	108,394	281	86
19	Repplier Coal Co.	14,000	88	73
20	Rhoads Contracting Co.	114,745	263	35
25	Sanchez, Alonzo	24,275	274	8
15	Sandy Run Miners & Producers	72,764	269	31
19	Schoener, Carl	14,820	146	15
5	Schrader, A. J.	47,047	292	16
5	Schrader Bros.	2,921	145	3
21	Schrader Coal Co.	5,252	238	32
1	Scott Coal Co.	307	241	*
12	Seleski Coal Co.	3,521	135	9
1	Simpson Coal Co.	12,295	263	*
19	Spaniard, Lewis	15,187	94	22
5	Sproul, H. B., Constr. Co., Inc.	4,391	75	8
19	St. Clair Coal Co.	202,412	288	116
24	Steam Coals, Inc.	95,998	186	55
16	Steele, T. F., Coal Co.			
	Harwood	6,772	91	16

Stripping Report - Year 1947, Contd.

Dist- rict	Operator & Stripping	Stripping production	Days worked	Empl- oyes
	T. F. Steele, Contd.			
16	Oneida	37,309	176	29
	Total for Co.	44,081		45
18	Stefonick & Falkovitch	62,327	149	39
	Stevens Coal Co.			
24	Trevorton Breaker	678,455	200	273
25	Westwood "	517,820	201	201
	Total for Co.	1,196,275		474
	(Susquehanna Collieries Div.			
	(M. A. Hanna Co.			
14	No. 7	25,740	269	13
14	Glen Lyon	79,914	276	20
24	Domestic	59,806	249	22
24	Logan Creek	49,169	268	8
24	Northumberland	29,756	190	16
24	Bear Valley	4,746	39	20
24	Luke Fidler	22,155	268	10
24	Foieri	8,682	26	11
	Total for Co.	279,968		120
1	Talerico Excavating Co.	18,764	225	22
22	Tarrone Coal Co.	16,749	292	11
2	Vispi Coal Co.	9,122	121	7
1	Waddell Coal Co.	5,854	283	*
21	Williams Stripping Co.	44,310	249	65
18	Winton Coal Mining Co.	59,860	218	17
22	Zimmerman Coal Co.	29,490	124	23
	REGION	12,691,382		7338 *

* Not segregated from mine employees. Therefore, not an accurate count.

Compiled, typed; Ber

NINETEEN YEAR STUDY OF ANTHRACITE, BY COUNTIES

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBED.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	REGION
1924	2,654,820	1,044,724	1,113,048	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1930	1,754,134	685,253	867,363	15,312,853	27,456,102	6,749,282	15,673,224	64,071	91,296	122,981	68,776,559
1931	1,886,084	865,424	756,274	12,768,631	23,766,625	5,728,763	12,962,765	75,542	157,506	157,506	59,115,387
1932	1,821,911	497,966	673,078	11,729,255	19,327,982	4,679,188	10,479,627	70,794	97,514	124,196	49,501,511
1933	1,610,409	556,539	652,057	11,090,350	19,861,441	5,102,704	10,252,019	126,101	130,715	125,242	49,507,577
1934	2,057,670	917,520	631,835	12,440,808	21,438,372	5,767,112	12,911,938	189,070	179,236	265,390	56,798,951
1935	1,703,018	824,803	549,467	10,437,254	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	51,359,111
1936	1,875,797	1,546,144	400,758	11,154,691	21,315,049	5,208,201	12,333,446	213,847	19,169	198,914	54,264,016
1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,461,545	99,879	15,339	102,858	51,700,296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216	49,383	7,030	10,975	46,269,511
1939	2,514,152	964,346	476,960	9,198,552	23,377,666	4,835,235	9,885,719	36,684	124,791	5,602	51,399,707
1940	2,175,348	1,026,366	505,558	9,259,463	22,677,016	4,934,664	11,242,175	50,844	86,149	9,071	51,526,454
1941	2,401,741	1,067,713	345,545	8,973,827	24,316,481	4,924,077	11,822,153	49,179	10,015	10,015	53,942,177
1942	2,796,798	998,124	574,479	9,344,388	25,767,343	5,295,913	13,520,462	49,113	62,761	47,248	57,939,629
1943	3,150,839	861,015	229,826	9,149,647	24,088,663	5,463,150	17,396,092	101,977	73,037	3,484	60,511,730
1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,444	18,834,444	147,756	46,216	10,903	64,112,589
1945	3,345,258	1,121,228	292,662	8,083,021	21,073,255	5,001,063	16,731,289	187,007	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	9,058,331	22,770,658	6,342,793	18,811,399	105,862	123,908	*	61,978,710
1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688	46,785	142,415	*	58,227,985
1924	4,776	2,213	2,043	35,846	63,308	14,660	37,672	708	1,178	99	162,503
1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
1931	4,160	1,766	1,766	33,797	59,225	11,326	25,654	586	254	342	138,400
1932	3,870	997	1,657	29,700	50,231	10,084	21,507	703	454	294	119,480
1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	510	102,469
1934	4,344	948	1,126	22,954	46,737	8,161	21,062	510	200	209	106,251
1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	225	100,539
1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
1938	4,713	1,951	918	17,818	45,751	7,473	16,065	290	42	20	96,998
1939	4,686	1,943	904	17,875	43,344	7,637	16,494	1	235	19	93,352
1940	4,376	1,664	867	16,860	43,238	7,397	16,039	145	17	17	90,790
1941	4,446	1,489	587	14,974	43,726	6,815	16,615	144	37	16	88,849
1942	4,433	1,486	553	14,388	39,219	6,498	16,945	104	38	43	83,707
1943	4,337	1,316	530	13,064	35,807	6,485	16,052	164	14	*	79,369
1944	4,940	1,711	149	12,344	33,660	6,409	18,721	211	*	*	78,145
1945	4,588	1,954	195	11,400	32,888	5,877	19,127	207	29	*	76,265
1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,556
1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730

Total
produc-
tion
(net
tons)Empl-
oyes

NINETEEN YEAR STUDY OF ANTHRACITE, BY COUNTIES, CONTINUED

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	REGION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1931	176	178	198	185	175	185	185	66	183	198	180
1932	139	161	167	169	154	181	164	96	57	106	160
1933	134	191	209	209	170	211	167	75	192	127	179
1934	174	218	221	235	192	240	195	174	269	270	206
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168	103	85	163	171
1939	175	164	205	180	190	194	175a	100	186	144	185
1940	180	194	204	195	183	217	191b	132	142	142	187
1941	190	184	221	205	196	217	196c	188	154	159	199
1942	230	235	39	241	259	236	234d	210	212	219	246
1943	267	267	287	273	277	259	258e	239	234	*	269
1944	293	292	261	300	304	262	274f	260	*	*	292
1945	265	267	261	270	274	258	250g	260	174	*	265
1946	262	234	74	275	278	257	251	217	272	*	266
1947	269	270	139	272	283	269	277	183	255	*	277
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	3	444
1931	6	4	4	116	151	32	67	1	-	3	384
1932	3	1	8	59	116	13	42	-	-	1	243
1933	3	-	1	59	110	14	43	2	-	-	232
1934	7	4	2	59	114	24	47	1	2	-	260
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	-	-	-	241
1937	5	6	9	35	102	15	38	1	-	1	212
1938	6	4	5	49	102	13	44	-	-	-	223
1939	7	5	3	46	108	13	27	-	1	-	210
1940	6	2	3	35	93	10	33	-	-	-	182
1941	8	2	2	37	98	7	35	-	-	-	189
1942	4	6	-	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	-	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	103	13	15	-	-	-	165

Days
worked

Fatal-
ities

NINETEEN YEAR STUDY OF ANTHRACITE - BY COUNTIES - CONTINUED

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	REGION
1924	1,325,996	498,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	29,205	44,054,141
1930	738,577	257,535	371,794	7,689,354	12,990,705	3,010,032	6,182,976	38,484	52,719	43,458	31,675,665
1931	730,607	300,208	349,013	6,288,064	10,359,468	2,100,810	4,718,290	38,404	46,601	67,648	21,959,113
1932	537,711	160,097	276,268	5,011,732	7,724,183	1,822,173	3,516,543	67,632	25,763	31,228	19,173,874
1933	455,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	54,129	38,976	64,680	18,301,721
1934	756,434	206,878	248,595	5,384,563	8,991,190	1,958,718	4,097,456	88,891	53,800	56,430	21,842,955
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,598	85,202	87,390	44,585	18,814,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	6,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,549	175,948	3,162,859	7,699,347	1,316,707	3,039,160	28,581	3,570	2,257	16,585,464
1939	823,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408a	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419e	24,648	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577e	27,035	5,708	2,544	17,676,304
1942	1,021,633	349,214	21,313	3,462,164	10,163,813	1,535,344	3,972,274d	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538e	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620f	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602g	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,556	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1924	241,347	94,975	159,007	163,139	179,851	189,672	174,893	-	655,000	-	175,963
1930	159,467	-	173,473	141,786	167,415	232,734	127,425	-	40,994	-	154,902
1931	314,347	216,356	189,069	110,074	157,395	179,024	192,922	75,542	52,502	-	153,946
1932	607,304	497,966	84,135	198,801	166,621	369,938	249,515	-	134,196	-	203,710
1933	536,803	-	652,057	187,972	180,559	364,479	238,419	63,051	-	-	213,395
1934	293,953	229,380	315,918	210,861	188,056	240,296	274,722	189,070	-	-	218,458
1935	425,755	274,934	78,495	208,745	171,213	311,830	176,426	59,711	89,618	-	192,356
1936	468,449	-	200,379	223,092	155,584	372,014	362,743	-	-	-	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879	-	102,858	243,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,001	-	-	-	207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	-	-	-	244,761
1940	362,558	513,183	168,519	264,556	243,785	449,946	340,672	-	-	-	283,112
1941	300,218	533,736	172,773	242,536	248,127	704,868	337,776	-	-	-	285,408
1942	699,200	166,354	-	266,983	203,307	330,995	375,568	-	-	-	257,509
1943	450,120	172,203	-	254,157	335,812	420,242	322,150	-	-	-	277,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581	-	-	-	374,927
1945	557,543	186,871	-	299,371	397,609	384,697	522,853	187,007	-	-	405,081
1946	527,701	242,959	-	335,494	288,236	528,566	495,037	105,862	-	-	366,738
1947	733,452	301,577	-	341,527	213,504	521,504	1,083,979	-	-	-	352,897

Man-days

Production
per
fatal

ANTHRACITE OPERATORS, GENERAL MANAGERS, ADDRESSES

Year 1947

Dist- rict	Operator	General Manager	Address
2	Ace Coal Co.	Louis Mascelli	Blakely, Pa.
6	Adelphia Coal Co.	Hopkins Morgan, Girard Trust Bldg.,	Phila., Pa.
1-2	A. & F. Coal Co.	Rinaldo Alberigi	Jessup, Pa.
2	A. F. & L. Coal Co.	Angelo Falzone	Pittston, Pa.
21	Alarcon, Frank	Frank Alarcon	Tremont, Pa.
2	Albanese Coal Co.	Angelo Albanese	Dunmore, Pa.
1	Alberigi Coal Co.	Rinaldo Alberigi	Jessup, Pa.
14	Alden Coal Co.	John C. Haddock	Wilkes-Barre, Pa.
10	Alderson Mining Co.	John D. Alderson	Luzerne, Pa.
20	Alpec Coal Co.	Albert Peca	Mahanoy City, Pa.
15	Altmiller, C. Henry	C. Henry Altmiller	Hazleton, Pa.
23	Andreatti - Skroza	Arnold Fetterman	Mt. Carmel, Pa.
1	Annamay Coal Co.	John McConnell	Jessup, Pa.
17	Anthracite Enterprises, Inc.	Herbert C. Cawley	Nesquehoning, Pa.
2	A. & R. Coal Co.	Ralph Riccini	Jessup, Pa.
20	Atkins Coal Co.	Henry Atkins	Frackville, Pa.
23	Atlas Coal Co.	Antonio Bianki	Atlas
22	Barzak Coal Co.	Anthony Barzak, 108 E. Oak St.,	Frackville, Pa.
22-23	Bazley, J. Robert, Inc.	J. Robert Bazley	Pottsville, Pa.
5	B. & B. Coal Co.	Nick Bone	Old Forge, Pa.
24	B. & B. Coal Co.	John Boback	Shamokin, Pa.
1	B. & D. Coal Co.	Ben L. Stone	Childs, Pa.
16	Beaver Brook Coal Co.	S. H. Long	Beaver Brook, Pa.
19	Beckville Coal Co.	Clarence F. Brinich	Cressona, Pa.
2	Beggin Coal Co.	Michael Beggin	Jessup, Pa.
18	*Bell Colliery Co.	Ralph Peters	Tuscarora, Pa.
3-16	Bellevue Coal Co.	R. E. Nolan	Scranton, Pa.
22	Bender Coal Co.	John Bender	Connerston, Pa.
1	Benjamin Coal Co.	David Benjamin	Carbondale, Pa.
10	Bernice White Ash Coal Co.	William A. Monahan	Mildred, Pa.
22	Bernosky Coal Co.	Joseph Bernosky	Shaft, Pa.
12	Bird Mining Co.	Morgan Bird	Plymouth, Pa.
20	Biros (John) Coal Co.	John Biros	Morea, Pa.
1	B. & L. Coal Co.	Dwight Beardslee	Blakely, Pa.
10	Black Diamond Colliery, Inc.	Herman Baine	Luzerne, Pa.
21	Blackwood Coal Co.	John Radzievich	Minersville, Pa.
20	Blaschack (John) Coal Co.	John Blaschack	Ringtown, Pa.
1	Blasi Coal Co.	Dominick Blasi	Archbald, Pa.
10	Blue Diamond Coal Co.	Edward A. Judge	Mildred, Pa.
2	Blue Flame Coal Co.	John Fanucci	Jessup, Pa.
12	B. & M. Construction Co.	Fred Lockett	Old Forge, Pa.
22	Bodgen Coal Co.	Felix Bodgen	Shaft, Pa.
6	*Bone (George) Coal Co.	George Bone	Pittston, Pa.
20	Boner & Webb Coal Co.	Raymond Webb	Mahanoy City, Pa.
1	Booth (John) Inc.	Charles Booth	Carbondale, Pa.
21	Borelli Coal Co.	Orlando Trassat	Minersville, Pa.
21	Bosack Coal Co.	Frank Bosack	Llewellyn, Pa.
24	Boslego Coal Co.	Andrew Boslego	Kulpmont, Pa.
3	*Botscheller, L. J., Inc.	L. J. Botscheller	Scranton, Pa.
21	Branch Coal Co.	Allen Horn	Llewellyn, Pa.
21	Branchdale Coal Co.	John E. Jones	Pottsville, Pa.
23	Brass Coal Co.	Anne Brass	Mt. Carmel, Pa.
18	Brockton Coal Co.	George D. Oswald	Brockton, Pa.
5	*Brymbo Coal Co.	Samuel Wane	W. Pittston, Pa.
21	Buck Run Colliery Co.	John G. Connell	Buck Run, Pa.
1	Burke Stripping Co.	Timothy Burke, Connell Bldg.,	Scranton, Pa.
19	Burke, Timothy	David Thomas	Pottsville, Pa.
5	Burke McGrath, Inc.	T. Burke McGrath, 600 Lacka Ave.,	Scranton, Pa.
3	*Butera Coal Co.	Louis Butera	Pittston, Pa.
9	Butter Tub Coal Co.	Martin Sedlock	Wyoming, Pa.
21	B. & W. Coal Co.	Walter Wallacavage	Minersville, Pa.
15	Cabin Creek Coal Co.	Joseph Vagnony	Bloomsburg, Pa.

Dist- rict	Operator	General Manager	Address
25	Calnon & Stakam	Thomas Calnon	Williamstown, Pa.
21	Cano Coal Co.	Aurelio Cano	Minersville, Pa.
10	Capone Coal Co.	Samuel J. Capone	Luzerne, Pa.
16	Carbonizing Coal Co.	Marcus Tinker	Scranton, Pa.
12	Carey, Baxter & Kennedy	W. E. Conway	Plymouth, Pa.
21	Carroll, Steve	Steve Carroll	Minersville, Pa.
22	Casper Coal Co.	Albert Casper	Lost Creek, Pa.
5	Cassidy & Guillorn	James Cassidy	Old Forge, Pa.
3	C. & C. Coal Co.	Harry Cimini	Scranton, Pa.
19	C. & D. Coal Co.	Camillo Dorazio	Pottsville, Pa.
1	Ceccerelli Coal Co.	Frank Ceccerelli	Jessup, Pa.
23	Centralia Mining Co.	John B. Rich	Pottsville, Pa.
2	C. & F. Coal Co.	Etalo Faramelli	Jessup, Pa.
8	C. & G. Coal Co.	Daniel Constantino	Yatesville, Pa.
23	Chapman & Reilly	Michael Reilly	Centralia, Pa.
5	Cimini Coal Co.	Harry Cimini, Prospect Ave.,	Scranton, Pa.
18	Coal Rain Coal Co.	Ralph Peters	Junedale, Pa.
19	Colitz Coal Co.	Frank Colitz	Pottsville, Pa.
19	Confair Coal Co.	Elmer Confair	Minersville, Pa.
10	Conlon Coal Co.	Paul J. Conlon	Hudson, Pa.
2	Consagra Coal Co.	Louis Consagra	Olyphant, Pa.
5	Continental-Archbald Coal Co.	Robert Y. Moffat, Box 486,	Scranton, Pa.
2	Costanzo Coal Co.	Philip Costanzo	Dunmore, Pa.
12	Courtdale Coal Co.	Alex Seleski	Courtdale, Pa.
23	C. Q. & W. Enterprise	Andrew Quiles	Frackville, Pa.
16	*Cranberry Improvement Co.	Sol Jenkins	Hazleton, Pa.
1	C. & S. Coal Co.	James Caselli	Archbald, Pa.
23	Cullen Contracting Co.	John J. Cullen	Mt. Carmel, Pa.
24-25	Dancott Coal Co.	David Evans	Shamokin, Pa.
21	Dando, J. P.	Joseph P. Dando	Llewellyn, Pa.
21	Dantas, Alfred	Alfred Dantas	Cressona, Pa.
24	Dark Corners Coal Co.	Peter Fedorshock	Shamokin, Pa.
19	Darkwater Coal Co.	Thomas Newton	Pottsville, Pa.
21	Dattilio, Camillo	Camillo Dattilio	Minersville, Pa.
21	D. & B. Coal Co.	Joseph P. Dando	Llewellyn, Pa.
1-2-3	DeAngelis Coal Co.	Vincenzo DeAngelis	Carbondale, Pa.
6	DeAngelo Coal Co.	Louis Sarf	Pittston, Pa.
25	Deaven, David	David Deaven	Pine Grove, Pa.
21	Declerico, Angelo	Angelo Declerico	Minersville, Pa.
20	*Delano Anth. Collieries Co.	Charles Machamer	Ashland, Pa.
19	Delaware Mining Co.	Joe Petrozino	St. Clair, Pa.
3	Denchy Coal Co.	William M. Denchy	Jessup, Pa.
6	DeSanto Coal Co.	Samuel DeSanto	Luzerne, Pa.
1-12	Deweese Bros.	C. K. Dewees, Box 1293,	Kingston, Pa.
9	Dial Rock Coal Co.	Thomas R. Lewis, Scranton Nat. Bk. Bld.,	Scranton
13	Dick (A.E.) Contracting Co.	A. E. Dick	Hazleton, Pa.
24	Diminick Coal Sales	Ferdinand Diminick	Elysburg, Pa.
25	D. & K. Coal Co.	Hugh Dolan	Pottsville, Pa.
21	Downtown Coal Co.	Albert Marneickas	Minersville, Pa.
23	Dragondale Corp.	Thomas Lynott	Mt. Carmel, Pa.
22	Drift Contractor Co.	Peter Mucha	Frackville, Pa.
10-14	Duryea Anthracite Co.	Charles Adonizio	Pittston, Pa.
1	Dwonzczyk Coal Co.	Joseph Dwondzyk	Peckville, Pa.
22	Dyszel Coal Co.	George Dyszel	Lost Creek, Pa.
24	D. & Z. Coal Co.	S. Dimnick	Shamokin, Pa.
19	Eagle Hill Coal Co.	Edward Whitby	Pottsville, Pa.
21	Ebert, George	George Ebert	Hegins, Pa.
1	Eddie & Joe Coal Co.	Edward Andreoli	Eynon, Pa.
22	Engle Coal Co.	Joseph E. Engle	Shenandoah, Pa.
25	Etzweiler, Harry	Harry Etzweiler	Valley View, Pa.
23	Exchange Coal Co.	Joseph Corbacio	Atlas, Pa.
18	Fairclough Mining Corp.	N. B. Fairclough	Beaver Meadow, Pa.
21	Falls Coal Co.	Joseph Mitchell	Zerbe, Pa.
2	Falls Mining Co.	Andrew Piccioli	Peckville, Pa.
21	Farley-Laychack Coal Co.	Peter Laychack	Pottsville, Pa.
1	*Farnetti Coal Co.	Harry Farnetti	Jessup, Pa.

Dist- rict	Operator	General Manager	Address
1	Farnetti & Wassel	Harry Farnetti	Jessup, Pa.
10	*Ferraro & Glowacki	Anthony Ferraro	Swoverville, Pa.
10	Fiorini Coal Co.	John Fiorini	Mildred, Pa.
22	Fisher Coal Co.	Charles Fisher	Gordon, Pa.
5	Florine Coal Co.	Anthony Minichello	Old Forge, Pa.
1	*F. M. & B. Coal Co.	Harry Farnetti	Jessup, Pa.
24	Foieri & Louis Coal Co.	Louis Foieri	Shamokin, Pa.
19	*Frackville Coal Co.	F. L. Slattery	Cumbola, Pa.
10	Franklin Coal Mining Co.	Joseph Mayers	W. Pittston, Pa.
25	Franklin-Lykens Coal Co.	C. E. Machamer	Ashland, Pa.
6	Fritz Bros. Coal Co.	Frank Fritz	Dupont, Pa.
22	Gaida (J.) Co.	Meyrick Lamb	Ashland, Pa.
23	Garcia Coal Co.	John Garcia	Kulpmont, Pa.
2-3-20	Gasparini Stripping Co.	Gene Gasparini	Peckville, Pa.
1	Gateway Coal Co.	Charles Volpe	Forest City, Pa.
7	Gaylord Coal Co.	Samuel Bird	Plymouth, Pa.
1	Gianforco Coal Co.	George Gianforco	Archbald, Pa.
20-22	Gilberton Coal Co.	John B. Rich	Gilberton, Pa.
1	Gildea Coal Co.	John Gildea	Archbald, Pa.
1	Gillen Coal Co.	Thomas Gillen	Carbondale, Pa.
6	Gillizzi Coal Co.	Anthony Gillizzi	Pittston, Pa.
1-3	Giombetti Coal Co.	Angelo Giombetti	Carbondale, Pa.
22	Girardville Excavating Co.	James Kelly	Girardville, Pa.
3-7-11-12-			
13-14-16	Glen Alden Coal Co.	Henry A. Dierks	Wilkes-Barre, Pa.
5	G. & M. Coal Co.	George C. Maffei	Scranton 7, Pa.
2	G. M. A. Coal Co.	Mrs. Mary Girman	Jessup, Pa.
25	Good Peoples Coal Co.	Harry Witmer	Lykens, Pa.
15	Gowen Coal Co.	Elmer Roth	Fern Glen, Pa.
2	Gravine Coal Co.	Frank Gravine	Archbald, Pa.
6	Gravity Coal Co.	D. J. Davies	Avoca, Pa.
23	Greco Coal Co.	Savern Greco	Kulpmont, Pa.
5-10-15	Greenwood Mining Co.	John S. Marshall, Box 182	Scranton, Pa.
2	G. & S. Coal Co.	Leno Giombetti	Jessup, Pa.
2	Guiducci Coal Co.	Andrew Guiducci	Peckville, Pa.
6	Guzior Coal Co.	Barney Guzior	Dupont, Pa.
15-18-19	Haddock Mining Co.	John C. Haddock	Wilkes-Barre, Pa.
22	Hammond Coal Co.	R. L. Birtley	Girardville, Pa.
6	Harris & Walsh	Ervin Harris, 37 Lacka. Ave.	Scranton, Pa.
9	Harry E. Coal Co.	Joseph Mayers	W. Pittston, Pa.
22	Hazle Brook Coal Co.	C. A. Garner	Jeddo, Pa.
6	Heidelberg Coal Co.	John B. McDade, Lincoln Bldg.,	Scranton, Pa.
3	High Top Coal Co.	Dominick Albanezi	Dunmore, Pa.
6	Hillside Coal Co.	Eugene Papple	Avoca, Pa.
18	Hillside Coal Co.	Priscilla Norvidas	S. Tamaqua, Pa.
22	Hillside Coal Co.	John Catania	Raven Run, Pa.
19	Hollow Coal Co.	Gabriel DiLazzaro	Minersville, Pa.
24	Hoover Coal Mining Co.	George Hoover	Sunbury, Pa.
21	Hoy, Richard	Richard Hoy	Pine Grove
1-2-3-10-			
11-12	Hudson Coal Co.	Edgar C. Weichel	Scranton, Pa.
16	Humboldt Anthracite Co.	George Chisnell	Hazleton, Pa.
15	Hydrotated Anth. Fuel Co.	Howell Hastie	Lattimer Mines, Pa.
21	Indian Head Coal Co.	Louis Pagnotti	W. Pittston, Pa.
19	Indian Run Coal Co.	Edward Garote	Cressona, Pa.
25	J. C. J. Coal Co.	George R. Taylor	McAdoo, Pa.
15	Jeddo-Highland Coal Co.	C. A. Garner	Jeddo, Pa.
19	Jefferson Coal Co.	Joe Jefferson	Minersville, Pa.
6	Jenkins Coal Co.	Joseph Capone	Pittston, Pa.
6-8	Jermyn-Green Coal Co.	Kenneth A. Lambert	Pittston, Pa.
24	Johnson Coal Sales Co.	Frank Johnson	Shamokin, Pa.
25	Joliett Coal Co.	Louis J. Pagnotti	W. Pittston, Pa.
22	Jonathan Coal Co.	George Fleming	Ashland, Pa.
24	Jonathan Coal Mining Co.	W. R. Bennett, Phila. Bank Bldg.,	Phila., Pa.
20	Jones Coal Corp.	John E. Jones	Pottsville, Pa.
20	Jones (John) Coal Co.	John Jones	Mahanoy City, Pa.
5	Jr. Coray Coal Co.	Lindo Berrettini	Flains, Pa.

Dist- rict	Operator	General Manager	Address
22	Kavalich Coal Co.	Mike Kavalich	Shaft, Pa.
24	K. & D. Coal Co.	John Dietrich	Shamokin
5-9	Kehoe-Berge Coal Co.	John C. Kehoe, Jr.	Pittston, Pa.
19	Keller Coal Co.	Randolph Keller	Mt. Laffee, Pa.
22	Kendricks Coal Co.	Ray Kendrick	Shaft, Pa.
3	Keyser Valley Coal Co.	James Moore	Scranton, Pa.
7-13	Kingston Excavating Co.	John B. Corgan	Kingston, Pa.
12	Kingston Mining Co.	Morgan Bird	Plymouth, Pa.
22	Klimas Coal Co.	George Klimas	Shaft, Pa.
20	Kluchinsky Bros. Coal Co.	Albert Kluchinsky	Mahanoy City, Pa.
19	K. M. F. Coal Service	Joe Milouski	Middleport, Pa.
8	Knox Coal Co.	Robert L. Dougherty	Wyoming, Pa.
25	Kocher, Leon	Leon Kocher	Valley View, Pa.
22	Kohinoor Coal Co.	R. L. Birtley	Shenandoah, Pa.
22	Kozar Coal Co.	George Kozar	Shaft, Pa.
25	Kreiser Coal Co.	Frank Kreiser	Pine Grove, Pa.
22	Kudrick Coal Co.	John Kudrick	Girardville, Pa.
5	Lacka. Mng. & Construc. Co.	Joseph Grill	Peckville, Pa.
24	Latsha Coal Co.	Daniel Latsha	Elysburg, Pa.
25	Legal Coal Co.	Harry Golden	Good Spring, Pa.
17-18	Lehigh Navigation Coal Co.	D. C. Helms	Lansford, Pa.
9-10-11-			
16-18	Lehigh Valley Coal Co.	K. F. Arbogast	Wilkes-Barre, Pa.
2	Lemencelli Coal Co.	Peter Lemencelli	Eynon, Pa.
25	Lengel Coal Co.	George Lengel	Minersville, Pa.
25	Lengle, M. Luther	M. Luther Lengle	Pine Grove, Pa.
24	Level Coal Co.	Frank Appel	Shamokin, Pa.
19	Linde (C.) & Son	Clarence Linde	Honesdale, Pa.
24	Little Chief Coal Co.	Edward J. Malewak	Shamokin, Pa.
21	Live Oak Coal Co.	Peter Laychack	Pottsville, Pa.
6	L. K. Coal Co.	Walter Kaminski	Avoca, Pa.
5	Lockett Coal Co.	Fred Lockett	Old Forge, Pa.
22	Locust Coal Co.	J. J. Crane	Shenandoah, Pa.
20	Locust Valley Coal Co.	Herman Yudacufsky	Mahanoy City, Pa.
19	Lohb Coal Co.	Harold Fisher	Pottsville, Pa.
5	Lombardi, Dominick	Dominick Lombardi	Pittston, Pa.
24	Lower Region Coal Co.	Modes Foieri	Shamokin, Pa.
24	Lucas Coal Co.	Stanley A. Wysocki	Mt. Carmel, Pa.
21	Lykens Coal Co.	Charles Curvey	Mahanoy City, Pa.
21	Macario, John	John Macario	Minersville, Pa.
6	Major Coal Co.	Adam Major	Avoca, Pa.
25	Malho Coal Co.	Anthony Malho	Lavelle, Pa.
9	Maltby Coal Co.	W. E. Sunday	Wyoming, Pa.
22	Mammoth Coal Co.	Sol Fox	Raven Run, Pa.
22	Markarczyk Coal Co.	Frank Markarczyk	Shenandoah, Pa.
25	Markson Coal Co.	Edwin A. Weyman	Goodspring, Pa.
23	Martinez & Broderick	John J. Broderick	Locust Dale, Pa.
3	Mascelli (S.) Coal Co.	Louis Simoncelli	Jessup, Pa.
19	Matleska Coal Co.	John Matleska	Minersville, Pa.
24	Maurer Coal Sales Co.	Charles Maurer	Shamokin, Pa.
20	Mazur (John) Coal Co.	John Mazur	Barnesville, Pa.
1	Mazzoni Coal Co.	Delmo Mazzoni	Jessup, Pa.
6	M. B. Coal Co.	Stanley Barovitz	Avoca, Pa.
22	Melusky Coal Co.	Edward Melusky	Shaft, Pa.
1	Meriollini Coal Co.	Alfred Meriollini	Peckville, Pa.
23	Merry Coal Mining Co.	Thomas Lynott	Mt. Carmel, Pa.
3	Mid Valley Anthracite Co.	Rudolph Rosetti	Throop, Pa.
19	Mid-Valley Coal Co.	Walter Ryon	Pottsville, Pa.
19	Millard Coal Co.	Joseph E. Millard	Minersville, Pa.
19	Miller Contracting Co.	C. L. Miller	Minersville, Pa.
25	Miller, Franklin	Franklin Miller	Ravine, Pa.
19	Mine Hill Coal Co.	John Hoffman	Frackville, Pa.
21	Mine Hill Coal Co.	Charles Martin	Minersville, Pa.
6	Minichello Coal Co.	Carlo Minichello	Avoca, Pa.
20	M. & K. Coal Co.	Michael Kotis	Mahanoy City, Pa.

Dist- rict	Operator	General Manager	Address
1	M. & M. Coal Co.	Michael Mikulak	Simpson, Pa.
3-5	Moffat Coal Co.	Robert Y. Moffat, Box 486,	Scranton, Pa.
23	Moleski & Elgin	Bolick Moleski	Kulpmont, Pa.
10	Monahan Coal Co.	William A. Monahan	Forksville, Pa.
15	Monitor Co., Inc.	A. E. Dick, Jr.	Hazleton, Pa.
2	Moosic Mountain Coal Co.	Harry Giombetti	Jessup, Pa.
19	Morea-New Boston Brkr. Corp.	John D. Connors	Morea, Pa.
21	Morgan, Irving	Irving Morgan	Ashland, Pa.
1	Motley Coal Co.	Joseph A. Motley	Mayfield, Pa.
20	Mountainside Mining Co.	Harry W. McCann	Westfield, N. J.
18	Mountain Top Coal Co.	Ralph Peters	Tuscarora, Pa.
6	M. P. Coal Co.	Nicholas Malinics	Dupont, Pa.
21	M. & S. Coal Co.	A. J. Schrader	Minersville, Pa.
19	Mt. Laffee Coal Co.	David Smith	Mt. Laffee, Pa.
24	Mutual Coal Sales Co.	Walter Kruzick	Excelsior, Pa.
21	M. V. M. Coal Co.	Dominick Valent	Palo Alto, Pa.
6	Nardone Coal Co.	Louis Sarf	Pittston, Pa.
24	Natalie Coal Corp.	W. K. Moffat, Box 486,	Scranton, Pa.
2-3	Nay Aug Coal Co.	F. J. Collins	Scranton, Pa.
21	Necho Coal Co.	Frank Correale	Hazleton, Pa.
1-3	Northwest Coal Co.	Oresti Paoletti	Carbondale, Pa.
18	Norvidas & Patrick	Leonard Patrick	Beaver Meadow, Pa.
3-6	Number Nine Coal Co.	Joseph Mayers	Pittston, Pa.
24	Oak Coal Yard	Ernest Landis	Tharptown, Pa.
2	Ondrick Coal Co.	John Ondrick	Clarks Summit, Pa.
19	Onyx Coal Co.	Albert Peca	Mahanoy City, Pa.
23	Oribe & Garcia	Richard Oribe	Keiser, Pa.
25	Otto (C. M.) & Son	Herman Otto	Hegins, Pa.
22	Otto Collieries Co.	E. B. Hartman	Ashland, Pa.
25	Otto Miners	Norman R. Otto	Hegins, Pa.
5	Oxford Coal Co.	Earl McLaughlin, 304 Lincoln Bldg.,	Scranton, Pa.
2	P. & A. Coal Co.	Etilio Preschutti	Jessup, Pa.
2	*Pagnotti Coal Co.	Joseph Mayers	W. Pittston, Pa.
1	Paramount Coal Co.	Sebastian Gianni	Archbald, Pa.
2	Pasculichio Coal Co.	Canio Pasculichio	Dunmore, Pa.
9-16	Payne Coal Co.	Bruce Payne, Miners Bank Bldg.,	Wilkes-Barre, Pa.
19	Peach Mountain Coal Co.	Alvin Young	Frackville, Pa.
20	Peca Coal Co.	Albert Peca	Mahanoy City, Pa.
21	Penag Coal Co.	Edward Twigg	Pine Grove, Pa.
19	Penna Coal Co.	Joseph Penna	Seltzer City, Pa.
3	*Penn Anthracite Co.	F. D. Shoemaker	Scranton, Pa.
2-8	Pennsylvania Coal Co.	R. A. Lambert	Dunmore, Pa.
2-3	Perry Construction Co.	Alex Fink	Olyphant, Pa.
18-19-20-22-			
23-24-25	Phila. & Reading C. & I. Co.	Edward G. Fox	Pottsville, Pa.
21	Phoenix Coal Co.	Major Lee White	Pottsville, Pa.
20	Phoenix Contracting Co.	Bart Herrity	Ashland, Pa.
6	Pickaway Coal Co.	Peter Scatina	Dupont, Pa.
25	Pine Creek Coal Co.	Harrison Klingner	Spring Glen, Pa.
22	Pine Ridge Mining Co.	J. T. Kleman	Ashland, Pa.
23	Pizzoli, August	August Pizzoli	Atlas, Pa.
8	P. & J. Coal Co.	Joseph Sindaco	Pittston, Pa.
8	Plains-Hilldale Coal Co.	Carlo Saporito	Wilkes-Barre, Pa.
1	Ploskonka Coal Co.	Louis Ploskonka	Peckville, Pa.
23	Polinko - Ladika	John Polinko	Kulpmont, Pa.
2	Pompey Coal Co.	Charles Pompey	Jessup, Pa.
10	Pringle Coal Co.	Mark J. Luksic	Luzerne, Pa.
22	Pronio Coal Co.	Tony Pronio	Shenandoah, Pa.
5	Pyne-Taylor Coal Co.	Robert Y. Moffat, Box 486,	Scranton, Pa.
24	Quality Coal Sales	Clarence Weimer	Shamokin, Pa.
5	Quinn & Walsh	Patrick Walsh	Taylor, Pa.
22	Raven Run Coal Co.	C. A. Garner	Jeddo, Pa.
2	Red Creek Mining Co.	John Federovich	Jessup, Pa.
25	Red Oak Coal Co.	Harold Calodney	Pottsville, Pa.
24	Reidinger Coal Service	Vic Reidinger	Paxinos, Pa.
22	Reilly Construction Co.	T. J. Reilly	Hazleton, Pa.

Dist- rict	Operator	General Manager	Address
21	Renninger Coal Co.	Emory Renninger	Friedensburg, Pa.
21	Renninger, Howard	Howard Renninger	Llewellyn, Pa.
19	Repplier Coal Co.	A. F. Connell	Buck Run, Pa.
20	Rhoads Contracting Co.	Charles Machamer	Ashland, Pa.
3	Rhonda Coal Co.	Marcus A. Tinker	Scranton, Pa.
23	*Richards Coal Mining Co.	James J. McHale	Strong, Pa.
22	*Rose Valley Coal Co.	Charles Adonizio	Pittston, Pa.
24	Rosini Coal Co.	Odono A. Rosini	Shamokin, Pa.
21	Rossi, Ralph	Ralph Rossi	Minersville, Pa.
6	Russell Coal Co.	Stephen DuBernas	Old Forge, Pa.
1	Sacco Coal Co.	Frank Sacco	Jessup, Pa.
21	Salem, James	James Salem	Tremont, Pa.
1	Salvaggio Coal Co.	Dominic Salvaggio	Mayfield, Pa.
25	Sanchez, Alonzo	Alonzo Sanchez	Minersville, Pa.
15	Sandy Run Miners & Producers	Thomas George, Jr.	Freeland, Pa.
6-8	Sarf Coal Co.	Louis Sarf	Pittston, Pa.
6	Scandell Coal Co.	Joseph Scandell	Old Forge, Pa.
21	Schell, C. A.	C. A. Schell	Tremont, Pa.
25	Schell, Nathan	Nathan Schell	Tremont, Pa.
25	Schneck Coal Co.	Thomas Schneck	Pine Grove, Pa.
19	Schoener, Carl	Carl Schoener	Tamaqua, Pa.
5	Schrader, A. J.	A. J. Schrader	Taylor, Pa.
5	Schrader Bros.	Lawrence Schrader	Scranton, Pa.
21	Schrader Coal Co.	R. E. Watkins	Minersville, Pa.
5	Schuster Coal Co.	Henry Schuster	Scranton, Pa.
25	Schwalm, William	Robert H. Klouser	Valley View, Pa.
1	Scianna Coal Co.	Rose Scianna	Scranton, Pa.
1	Scott Coal Co.	E. R. Scott	Carbondale, Pa.
12	Seleski Coal Co.	Alex Seleski	Courtdale, Pa.
24	Sharp Coal Sales Co.	Robert Sharp	Shamokin, Pa.
6	Sharr Coal Co.	Frank Sharr	Old Forge, Pa.
19	Sheva Coal Co.	Chester Sheva	Shenandoah, Pa.
25	Shoemaker & Martinez	John E. Broderick	Ashland, Pa.
1	Simoncelli Coal Co.	Vincent Simoncelli	Jessup, Pa.
1	Simpson Coal Co.	Steve Yancheck	Simpson, Pa.
19	S. & J. Coal Co.	Charles Stoeckler	Pottsville, Pa.
21	S. & L. Coal Co.	F. Swenchart	Lavelle, Pa.
22	Slominsky Coal Co.	Leo Slominsky	Shenandoah, Pa.
3	Snyder Coal Co.	Nelson Snyder, 1237 N. Main Ave.,	Scranton, Pa.
2	Sobleskie Coal Co.	John Sobleskie	Jessup, Pa.
18	South Tamaqua Coal Bockets	Clarence Warne	S. Tamaqua, Pa.
19	*Spaniard, Lewis	Lewis Spaniard	Frackville, Pa.
5	*Sproul (H.B.) Constr.Co.,Inc.	A. C. Sproul, Olive St.,	Scranton, Pa.
14	*Stackhouse Coal Co.	Richard K. Bullock	Shickshinny, Pa.
5	Standard Breaker Corp.	K. A. Lambert	Pittston, Pa.
24	Stanley Coal Co.	A. A. Graybill	Shamokin, Pa.
19	St. Clair Coal Co.	Harold Smyth	Pottsville, Pa.
24	Steam Coals, Inc.	H. Wilson Lark	Shamokin, Pa.
16	Steele, T. F., Coal Co.	E. J. Gibbons	Junedale, Pa.
18	Stefonick & Falkovitch	J. Falkovitch	Pottsville, Pa.
24-25	Stevens Coal Co.	George H. Jones	Shamokin, Pa.
6	Stodnick Coal Co.	George Stodnick	Dupont, Pa.
25	Stump, Franklin B.	Franklin B. Stump	Pine Grove, Pa.
9	Sullivan Trail Coal Co.	Joseph Mayers	W. Pittston, Pa.
24	Sunshine Coal Co.	Ralph Steinhart	Trevorton, Pa.
25	Superior Coal Co.	Roy E. Blyler	Hegins, Pa.
3	Supreme Anthracite Co.	Charles Pompey	Dickson City, Pa.
19	Susan Coal Co.	John Watcher	Frackville, Pa.
14-24	Susquehanna Collieries Div.		
	M. A. Hanna Co.	C. A. Gibbons	Nanticoke, Pa.
6	Sussex Coal Co.	C. E. Banker	Pittston, Pa.
2	Swader Coal Co.	John Swader	Blakely, Olyphant, Pa.
24	Swank Coal Sales	Norman E. Swank	Paxinos, Pa.
21	Swatara Coal Co.	John Butcavage	Zerbe, Pa.
24	Swift Coal Co.	Adam Swift	Tharptown, Pa.
22	Swilp Coal Co.	Joseph Swilp	Connerton, Pa.

Dist- rict	Operator	General Manager	Address
2	Swoyer Coal Co.	Harry Swoyer	Jessup, Pa.
1	Talerico Excavating Co.	Constantine Talerico	Simpson, Pa.
22	Tarrone Coal Co.	Anthony Tarrone	Raven Run, Pa.
3	Throop Mining Co.	Angelo Falzone	Pittston, Pa.
21	Titus & Taylor	E. J. Taylor	Tremont, Pa.
2	Touch Coal Co.	Louis Touch	Archbald, Pa.
21	Tracy-Diamond Coal Co.	Elkins Read	Pottsville, Pa.
16	Trader Horn Coal Co.	Waldemar Hartman	McAdoo, Pa.
9	Trafford Coal Co.	Samuel Wane	W. Pittston, Pa.
3	Turnpike Coal Co.	John Vitali	Dunmore, Pa.
1	Umber Coal Co.	Dominic Cenci, 1607 Elizabeth St.,	Scranton, Pa.
6-8	Valley View Coal Co.	Robert E. Nolan, Scranton Nat.Bk.Bldg.,	" "
5	V. Coal Co.	Thomas H. Galbraith	Scranton 7, Pa.
6	Vigilone Coal Co.	Dominick Vigilone	Hughestown, Pa.
2	Village Slope Coal Co.	Louis Coccodrilli	Jessup, Pa.
2	Vispi Coal Co.	Raymond Vispi	Olyphant, Pa.
2	V. & L. Coal Co.	John Vitali	Jessup, Pa.
1-3-5	Waddell Coal Co.	Peter Brojack	Winton, Pa.
6	Warnes Coal Co.	Joseph Warnes	Old Forge, Pa.
10	West Side Coal Co.	Walter Songalia	Luzerne, Pa.
21	Whiteash, Paul	Paul Whiteash	Minersville, Pa.
22	*William Penn Anth. Coal Co.	Nelson Stouffer	Shaft, Pa.
21	Williams Stripping Co.	J. Harold Fisher	Pottsville, Pa.
18	Winton Coal Mining Co.	Joseph Harlam	S. Tamaqua, Pa.
21	Witcoski, Tally	Tally Witcoski	Pottsville, Pa.
6	W. S. P. Coal Co.	M. J. Sedlock	Dupont, Pa.
21	Zerbe & Griffith	Elmer Zerbe	Zerbe, Pa.
24	Zerbe Valley Coal Co.	Darwin Feese	Shamokin, Pa.
22	Zimmerman Coal Co.	J. Zimmerman	Ringtown, Pa.
25	Zubel-Zane Coal Co.	Lawrenty Zubel	Ravine, Pa.

416 Operators

*Ceased operation during the year.

Compiled, typed: Ber

REPORT COVERING MINES EMPLOYING FEWER THAN
FIVE PERSONS, BUT NOT FEWER THAN TWO

Dist- rict	Number of mines	Number of employees all mines	Aggregate no. of man-days worked	Total production all mines	Fatal acci- dents	Non- fatal acci- dents	Production per fatal
1	17	46	7,360	17,890	-	3	-
2	4	9	644	3,935	1	-	3,935
3	-	-	-	-	-	-	-
5	2	6	300	678	-	-	-
6	5	14	1,803	6,311	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	1	3	201	736	-	-	-
13	-	-	-	-	-	-	-
14	3	7	70	73	-	-	-
15	2	4	398	701	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	7	19	760	2,007	-	-	-
19	71	202	19,300	116,490	1	8	116,490
20	64	216	23,920	72,311	-	13	-
21	106	356	41,264	143,805	5	-	28,761
22	73	247	30,604	122,879	-	24	-
23	66	229	32,980	109,052	3	5	36,350
24	160	549	71,200	220,919	4	1	55,230
25	178	618	33,628	296,713	2	5	148,356
Total	759	2525	264,432	1,114,500	16	59	69,656

Compiled, typed: Ber

I N D E X

	Page
Letter of transmittal	1
Gas explosions, reports on	2-11
Production of coal, explosives, days worked, employees, fatal accidents, man-days, by inspection district	12
Production (deep mined, stripping and bank) and employees, by county	13
Total production, washery and stripping pro- duction, employees, fatalities, production per fatality, fatalities per million tons, number of inspectors, 1870 to 1947, inclusive	14-15
Production of coal, how shipped to market, amount sold to local trade, used at colliery for steam and heat, explosives, days worked, employees, fatal and non-fatal (disability 60 days or more) accidents, by operator, for each inspection district	16-63
Employees, inside, by classification	64
Employees, outside, by classification	65
Fatal accidents, name and address of victim, name of operator, mine, etc., date of accident, cause of injury	66-71
Fatal accidents, causes of, by counties	72
Production per fatal inside, and production per fatal inside and outside, by district	73
Production per fatal inside, and production per fatal inside and outside, by operator	74-75
Fatal accidents, in which five or more persons were killed, 1847 - 1947	76-77
Stripping report, by operator	78-81
Nineteen year study of anthracite, by counties	82-85
Operators, managing officials, and addresses	86-92
Report covering mines employing fewer than five persons	93

De Hove



University of Scranton
The Library

